# Niagara Cloud Services

## Backup as a Service
## Asset Manager

Kapil Sharma,
Senior Product Manager

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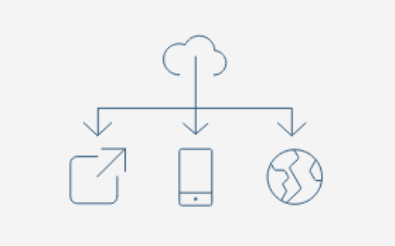
# Agenda

- What is the Cloud (5 min)
  - Cloud Benefits
- Backup-as-a-Service (20 min)
- Asset Manager (20 min)
- Q&A (q.s)

# What is cloud computing?

## What is cloud computing?

It refers to the use of computing resources that are located somewhere else and accessed in the “cloud” of remote networks

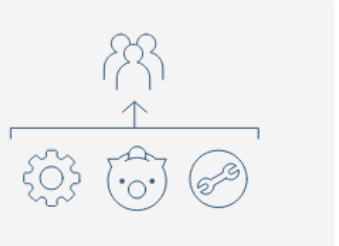


**Flexibility**

Users can scale services to fit their needs, customize applications, and access cloud services from anywhere with an Internet connection.

**Efficiency**

Enterprise users can get applications to market quickly without worrying about underlying infrastructure costs or maintenance.



**Strategic value**

Cloud services give enterprises a competitive advantage by providing the most innovative technology available.

# Benefits of Cloud Services

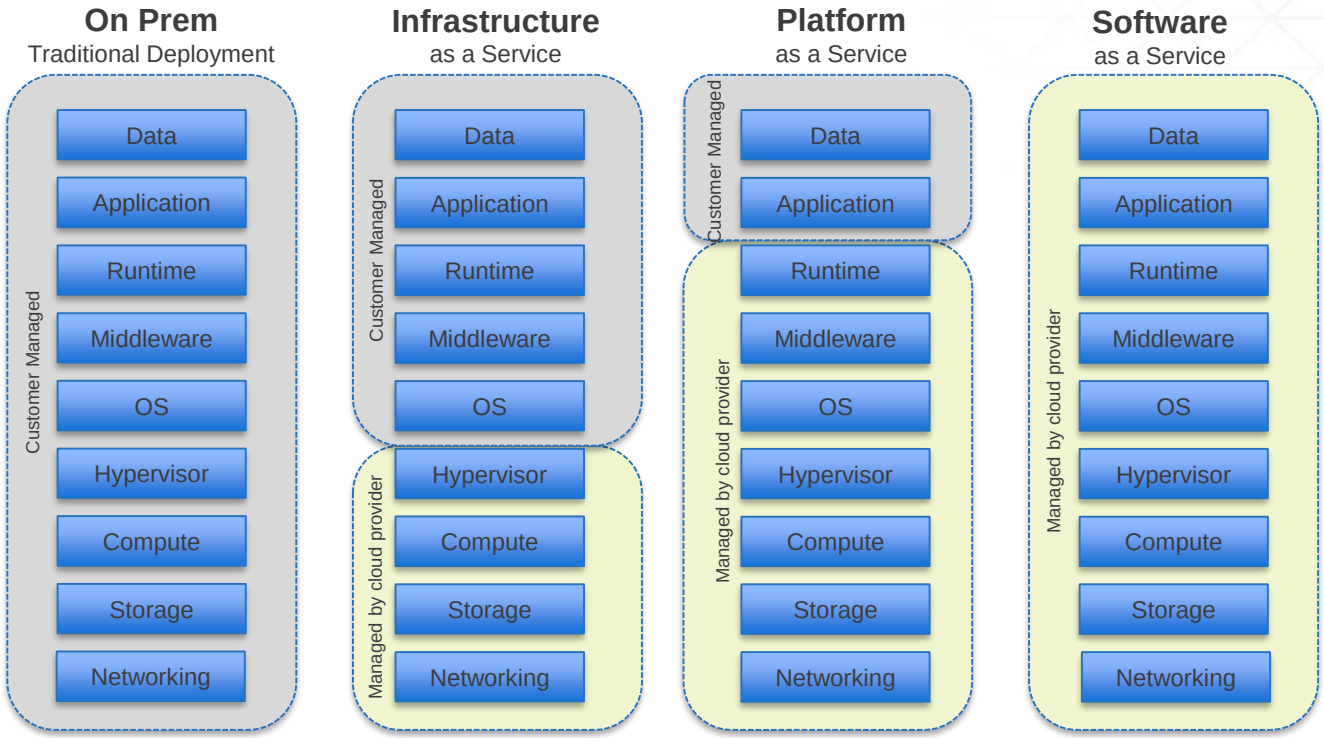
## CUSTOMERS

- Lower upfront costs
- Reduced lock-in
- Flexibility – scale up or down
- Pay only for what you use
- Automatic Updates
- Security
- Collaborative

## PROVIDERS

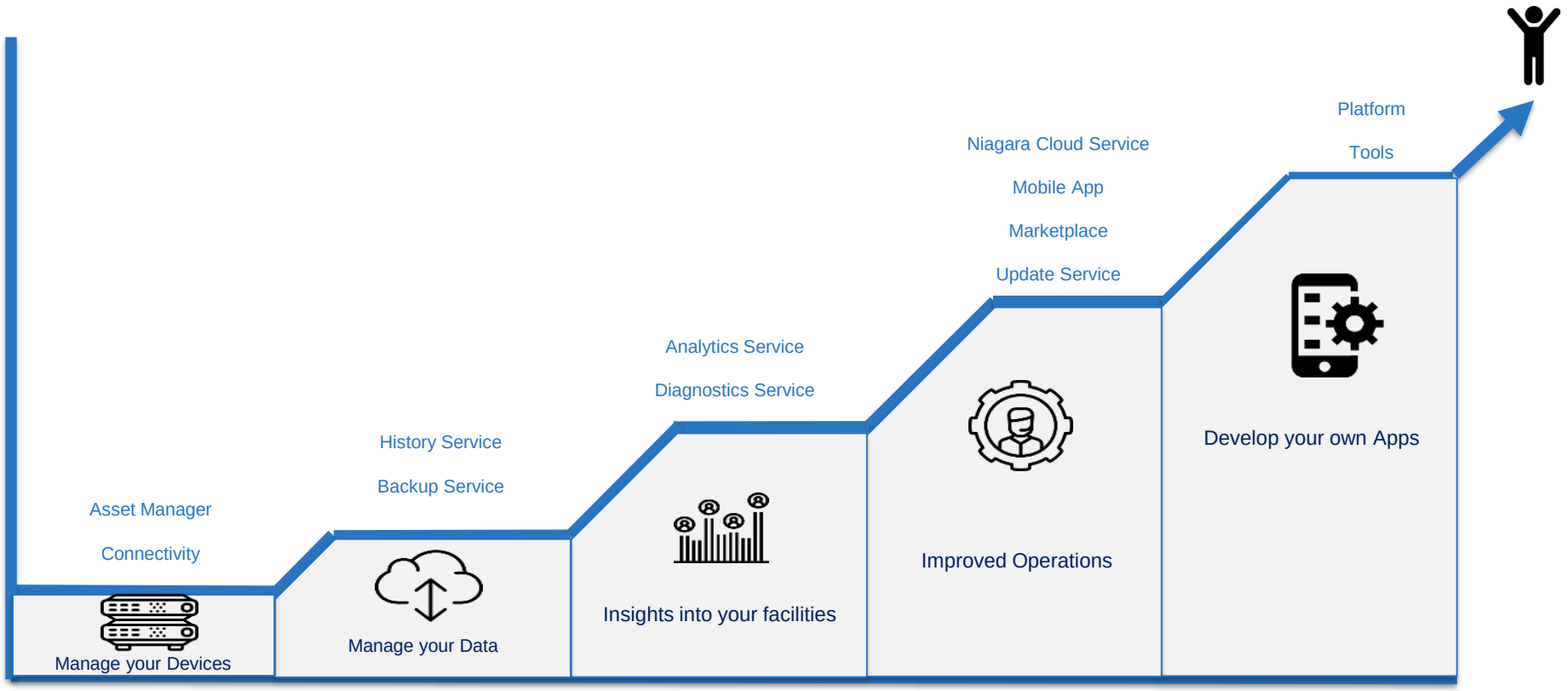
- Increased revenue
- Predictable revenue
- Operational Savings
- Sell more services
- Improved customer service
- Better customer relationships
- Collaborative

# Cloud Models - IaaS PaaS and SaaS




** Data belongs to the user, even if it is stored in an infrastructure that is owned by a cloud service provider (IaaS or PaaS), or managed by the cloud service provider (SaaS).*

# Cloud Roadmap Objectives



# Backup as a Service

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# Why Backup Service?

“It's a BIG DEAL if they can't find their latest backup…”

“Of the customers we serve, probably 1-2 a year have a failure from which they cannot recover due to not being able to find a backup…”
**A large HVAC Contractor and Engineering Firm from Maryland**

“[We back up] the whole kit & caboodle.”
**HVAC Contractor, Minnesota**

Backing up is super high value when you need it. We push our customers to back up but there’s only 1% chance they do. We push our onsite technicians to backup but still only about 75% chance they do. As a part of the Maintenance agreement - regular visits are used for backups.
**System Integrator and Engineering Firm from Virginia**

It can take $10K worth of man hours to recreate a device if its backup can’t be found

**A large distributor, Minnesota**

“It could be a week old and there will be a lot of changes in a week. ... we get a little lax [about backups] sometimes too, cause you get busy...”
**A facilities manager for a campus in Minnesota**

"that would definitely ease a lot of tension with customers“
**HVAC Contractor, Maryland, on the idea of backups with SMA**

We lose backups - We do backups of their machines, they upgrade their machines. and then we don't know where it is at. Then backups age. Problem occurs years later. Then we ask questions like “Hey do you have his old laptop from 5 years ago?”
**System Integrator and Engineering Firm from Virginia**

“A Niagara Carbonite service would be nice…”
**Automated HVAC Controls Company in Minnesota**

**Back up your data and safeguard your business with Niagara Cloud**

# Introducing our first Service offering

**Backup as a Service**
BaaS provides seamless, secure and scalable backups of Niagara stations from the devices to the cloud.

*Any good cyber security approach should include backing up your critical infrastructure. JACEs and Supervisors are a part of mission critical infrastructure.*

**Back up your data and safeguard your business with Niagara Cloud**

# A failsafe environment for your data

With Niagara Cloud, when a Niagara station hardware failure or corruption happens, any backup—latest or historic—can be tracked and downloaded 24/7/365 by authorized individuals from the Asset Manager, and then manually installed on the device to restore.

# Backup as a Service Features

01 **Bundled with existing SMA**
Included with your SMA if you have N4.3. Buy more storage if needed

02 **Initiate JACE backups with 1 GB of cloud storage**
Supervisor backups with 5GB of storage

03 **Automatic/Scheduled or manual backups**
Time, event or manual triggers for the backups

04 **Secure Service**
Data encrypted in transit and at rest.

05 **View, download or delete backups**
Manage your online storage; keep the backups you want;

06 **Add notes to each backup**
Get the context and additional information associated with each backup

07 **Backup what you want**
Option to backup alarms and histories; Bog and manifest always backed

08 **Configure Alarms for unsuccessful backups**
Ability to configure alarms so that backup failures never go under the radar

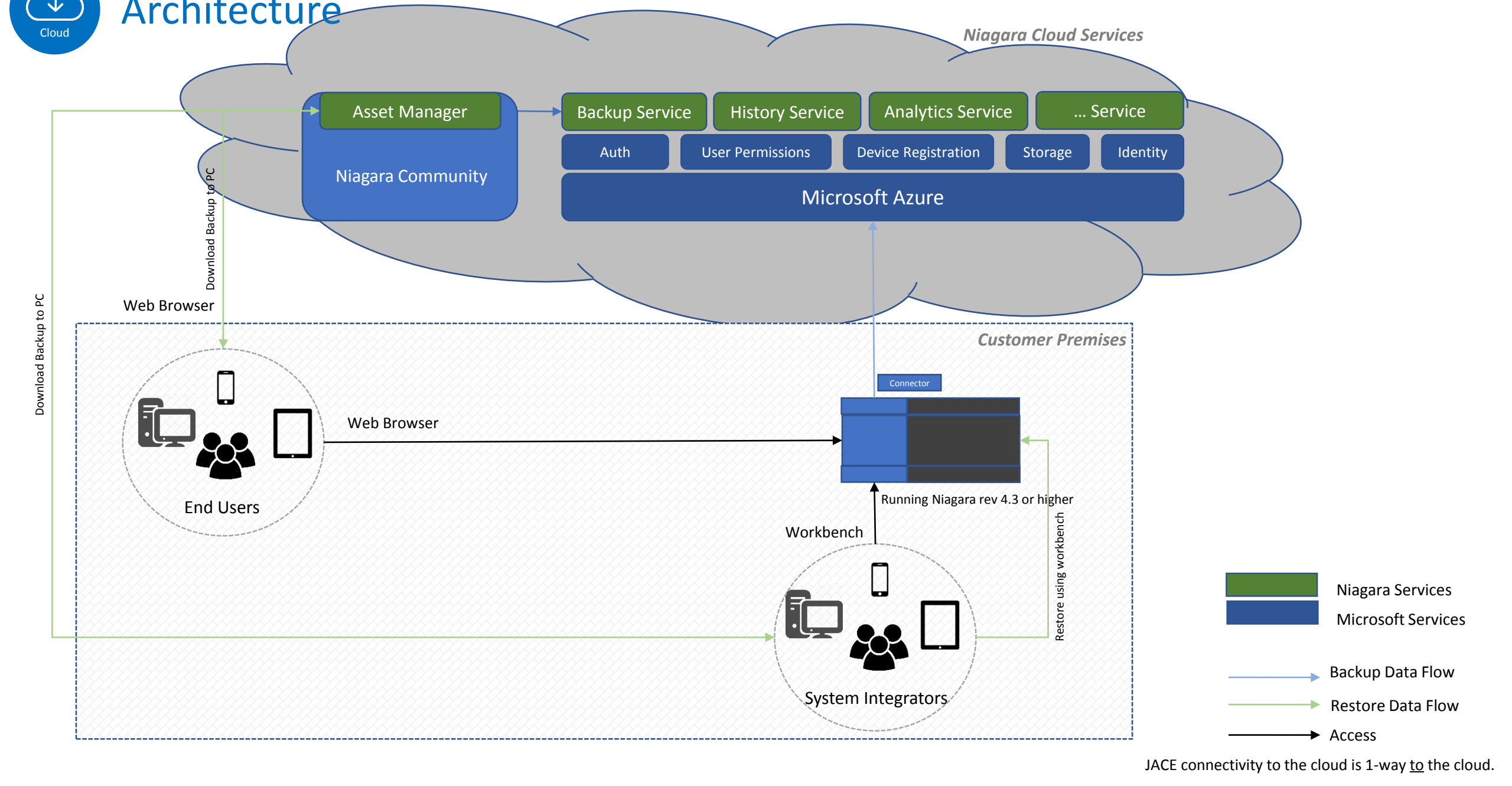
09 **Niagara Community Credentials**
Reduced password fatigue; use your existing credentials

10 **Soft backup limits**
Create backups even when limits are exceeded temporarily by a predefined amount. System automatically makes space by deleting oldest backups*

11 **For Niagara 4.3**
Makes a case for an upgrade; Cloud connectivity comes built in

**Back up your data and safeguard your business with Niagara Cloud**

# Architecture




JACE connectivity to the cloud is 1-way to the cloud.

# Value Propositions for end customers

**Insurance** against business disruptions risks and costs

**Ownership** of data and licensing

Reduced **data loss**

Reduced **downtime**

Reduced **labor costs**

Back up your data and safeguard your business with Niagara Cloud

# Value Propositions for System Integrators

**Improved reliability** against business disruptions and costs

**Instant access** to customers' backups

**Increased customer loyalty**

**Increased recurring revenue** from maintenance renewals

Back up your data and safeguard your business with Niagara Cloud

# BaaS solves your unique challenges

Removes the need to remember and spend time to run periodic backups of the JACE

Removes the need to track down the latest backup of the station when a failure occurs

Removes the need to maintain a server to manage and store JACE backups

**Back up your data and safeguard your business with Niagara Cloud**

# And makes your business stronger

Reduced
**downtime**

Reduced
**data loss**

Reduced
**labor costs**

# FAQs

### How much does Backup as a Service through Niagara Cloud cost?

Niagara Cloud is bundled with the Software Maintenance Agreement (SMA).

There would also be a premium service we would launch shortly.

### What are the version compatibilities of the initial release of Backup as a Service?

Niagara Cloud is compatible with Niagara 4.3 and up.

### Would I be able to access my data if my SMA expires?

If you have backed up your devices, you will have a 90-day grace period where you can still download your backups after your SMA has expired.

### Where will my data be stored?

Your data is stored in Microsoft Azure in Microsoft's Data Centers.

### Is my data safe?

Your data is encrypted end-to-end—in transit and at rest. This makes it impossible for any third parties to view your data. For the purpose of providing Backup-as-a-Service, the JACE only makes outgoing connections.

### What security technologies do you use?

We use AES 256 to encrypt the data, and TLS 1.2 for securing the HTTPS communication.

# Asset Manager

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# Asset Manager

## Introducing an asset management solution that doesn’t require a spreadsheet

Niagara Community website now includes a powerful asset manager tool that lets you manage all your installed Niagara licenses from one online location.

# Features of Asset Manager

01 Centralized, brand-agnostic view of all Niagara license information

02 Easy access to specific device details through filters

03 Access to device backups via Niagara Cloud Backup-as-a-Service

04 Automatic push notifications of maintenance expirations and renewals

05 Asset context via personalizable, custom fields

06 Access to Niagara Licensing and Customer Portals through single log-in

07 Web-based; 24x7x365 Availability

08 Secure; Roles and permissions built in

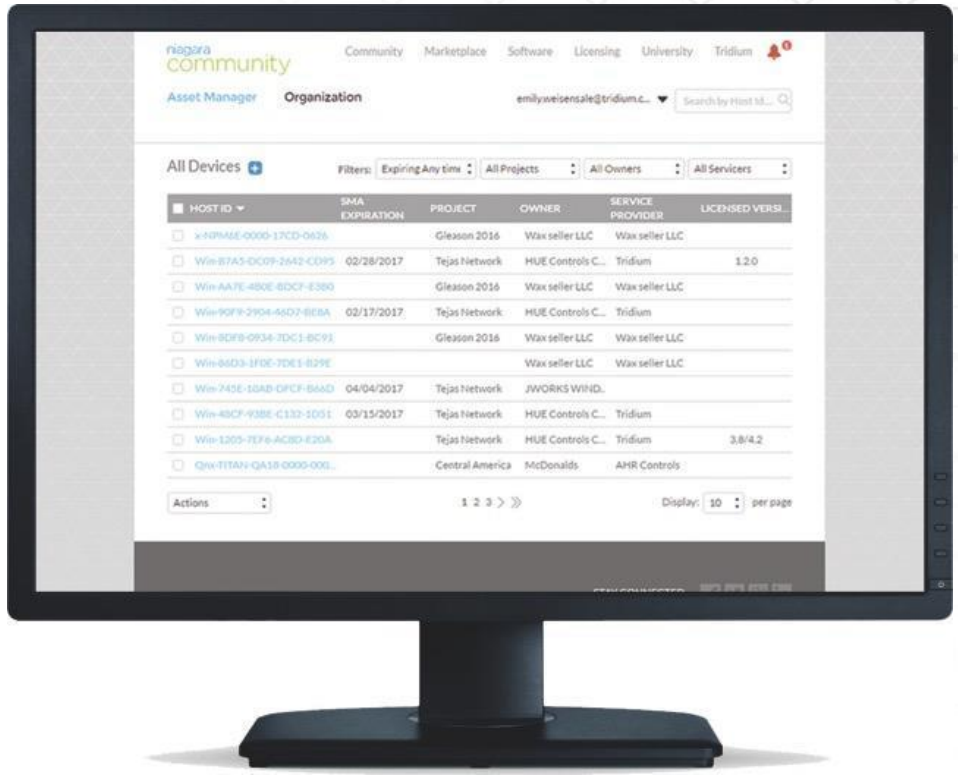
# License Data at your fingertips

## Device Data

- Brand
- Model
- Software maintenance expiration
- Licensed software version
- Software options

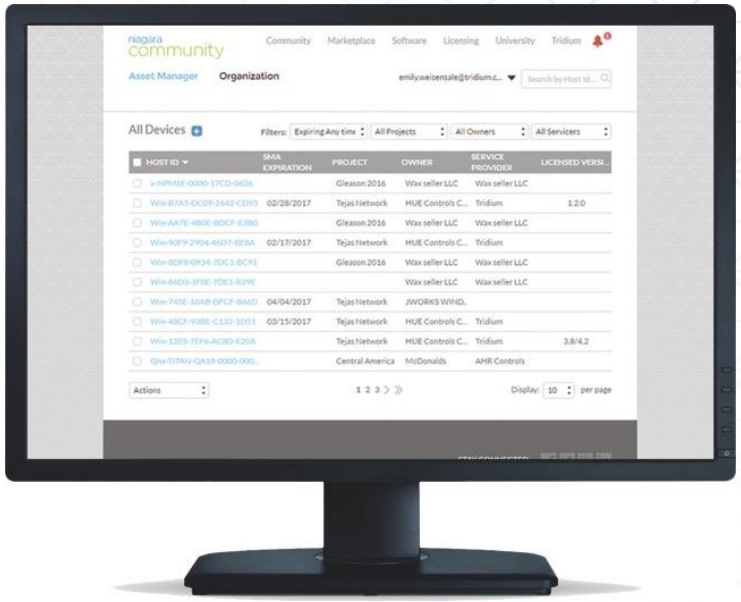
## Customizable Data

- Owning organization
- Service providing organization
- Project tag
- Address
- Installed software version
- Notes



# How it works

1. Log in via Niagara Community
2. Sign up to use the asset manager tool through the Niagara Community website
3. Manage company users and permissions
4. Upload host IDs
5. Tag Service Provider and Owner
6. View and manage all registered assets at any time



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# Value Proposition

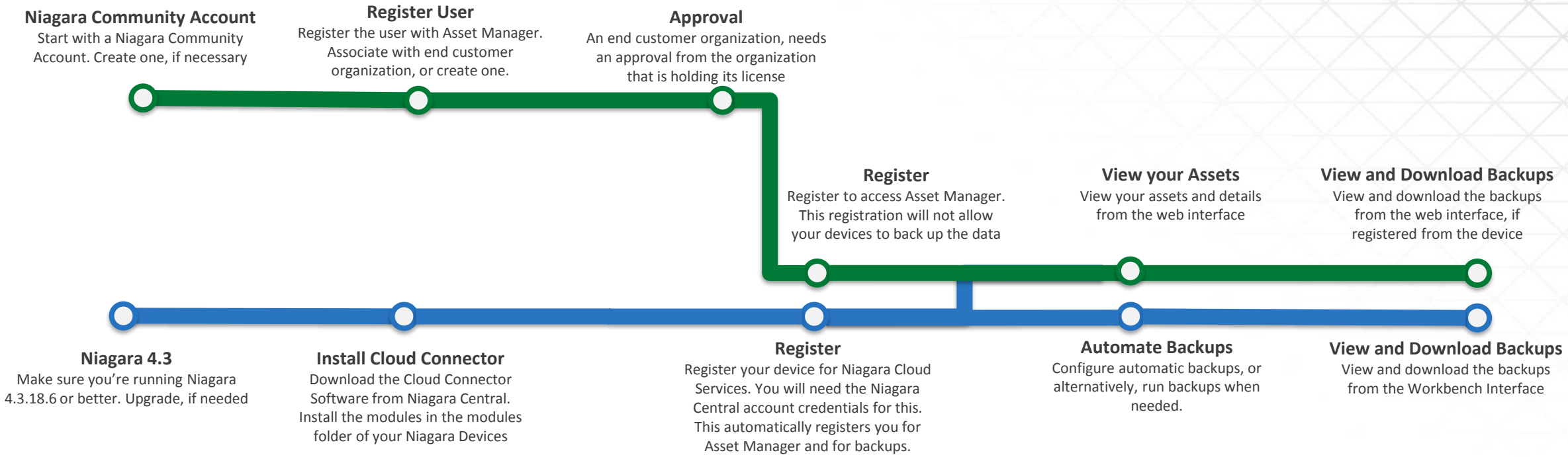
## End users

No more manual updates of spreadsheets containing install information

## Systems integrators

Maintenance renewal information for all projects from one central location

# How to set up and use the backup service




**Back up your data and safeguard your business with Niagara Cloud**

# Backup Demo

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Secure | https://software.niagara-central.com/ord?portal:/software/SoftwareImage/5588

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## Niagara 4 Cloud Backup As A Service 4.3.58.18.6 - Tridium, Inc.

| | |
|---|---|
| **Generated** | 19-Sep-17 2:14 PM UTC |
| **Release** | Niagara 4 Cloud Backup As A Service 4.3 |
| **Availability** | Released |
| **Image File Status** | Created |
| **Image File** | Niagara_4_Cloud_Backup_As_A_Service-4.3.58.18.6.zip 19-Sep-17 2:14 PM UTC |

Files | Notes

### Image Contents

12 files

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| docBaaS.pdf | | Tridium, Inc. |
| zTree | | |
| docsMenu.html | | Tridium, Inc. |
| welcome.html | | Tridium, Inc. |
| index.html | | Tridium, Inc. |
| modules | | |
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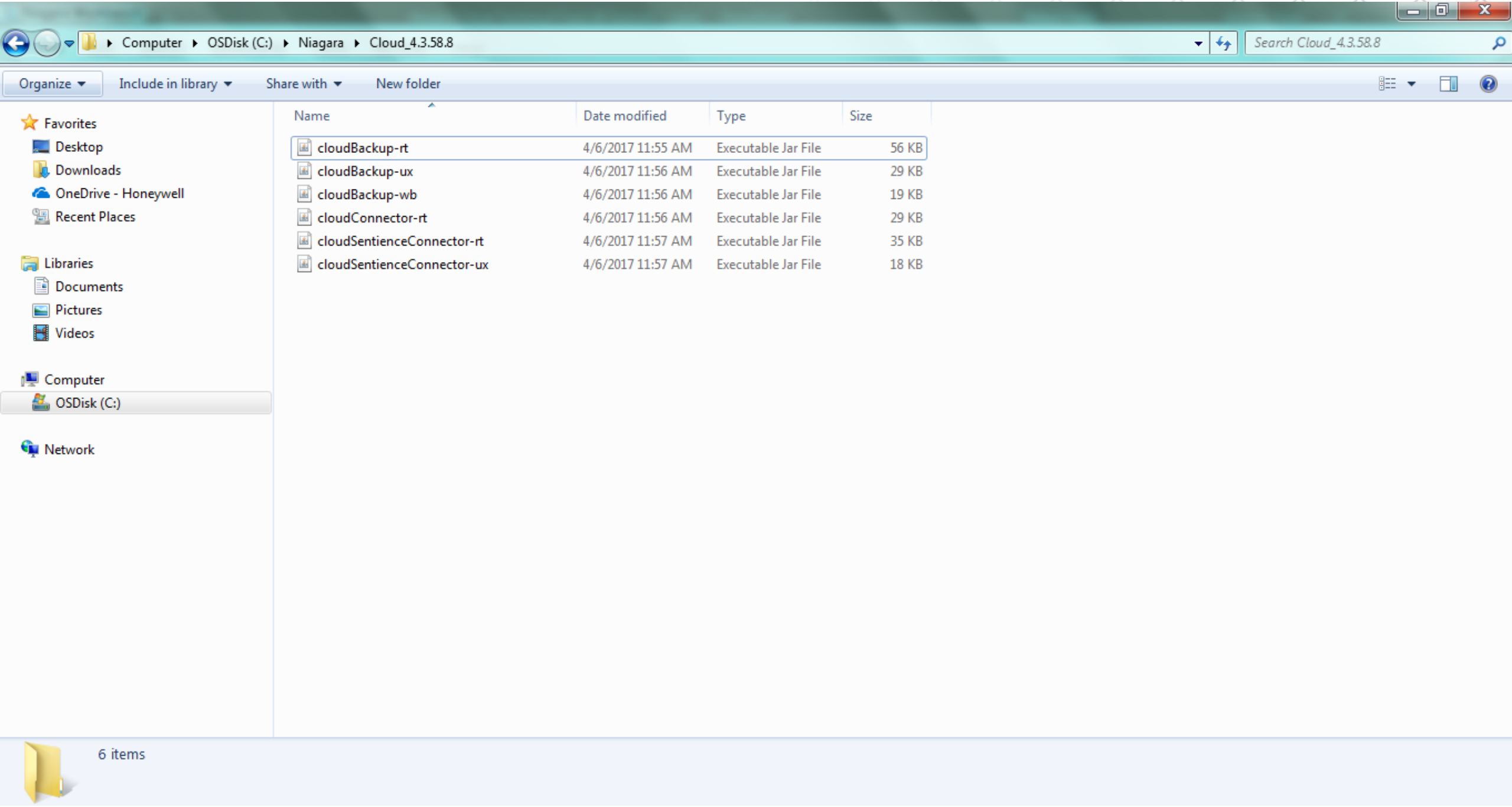
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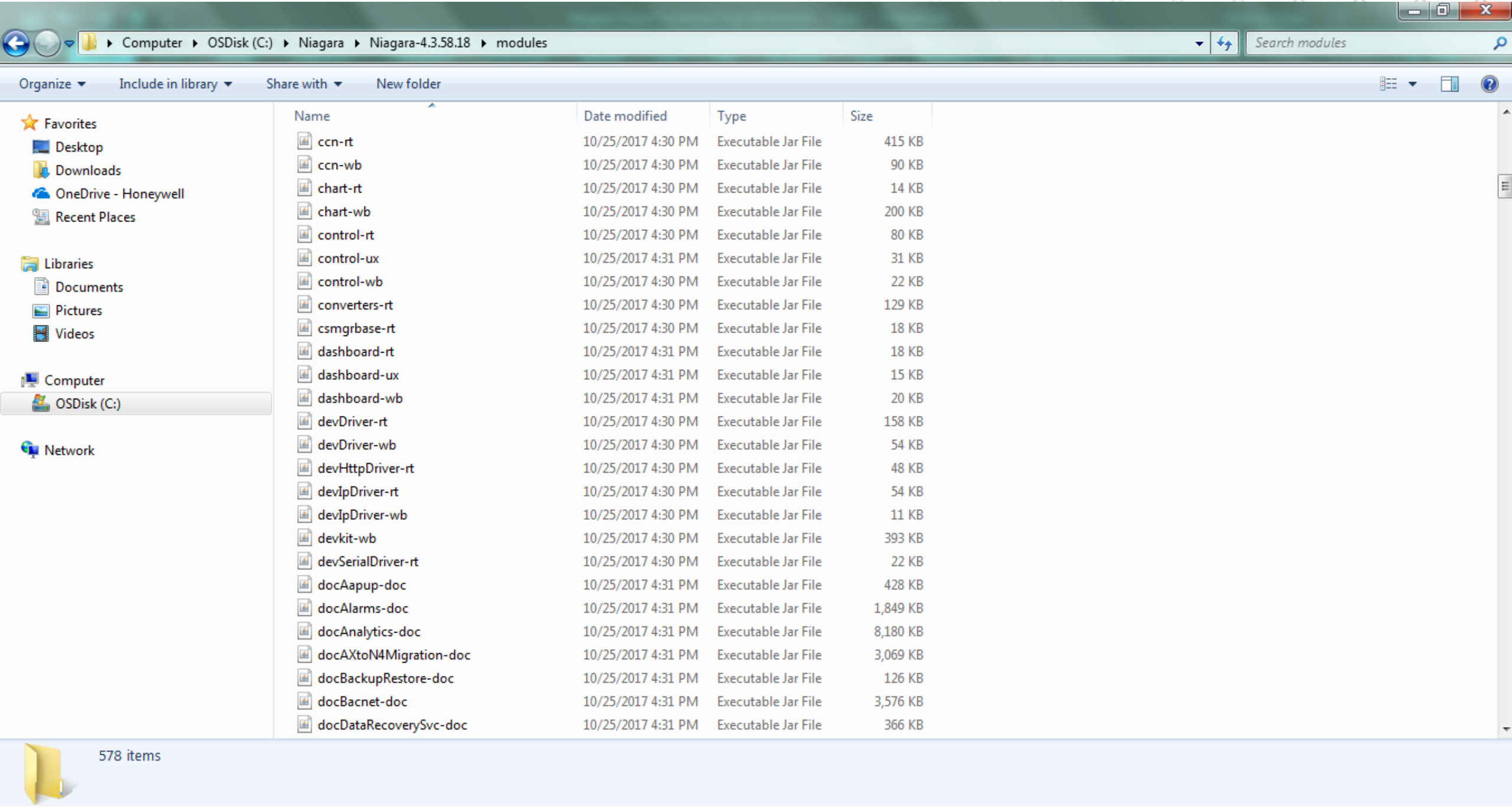
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Downloads
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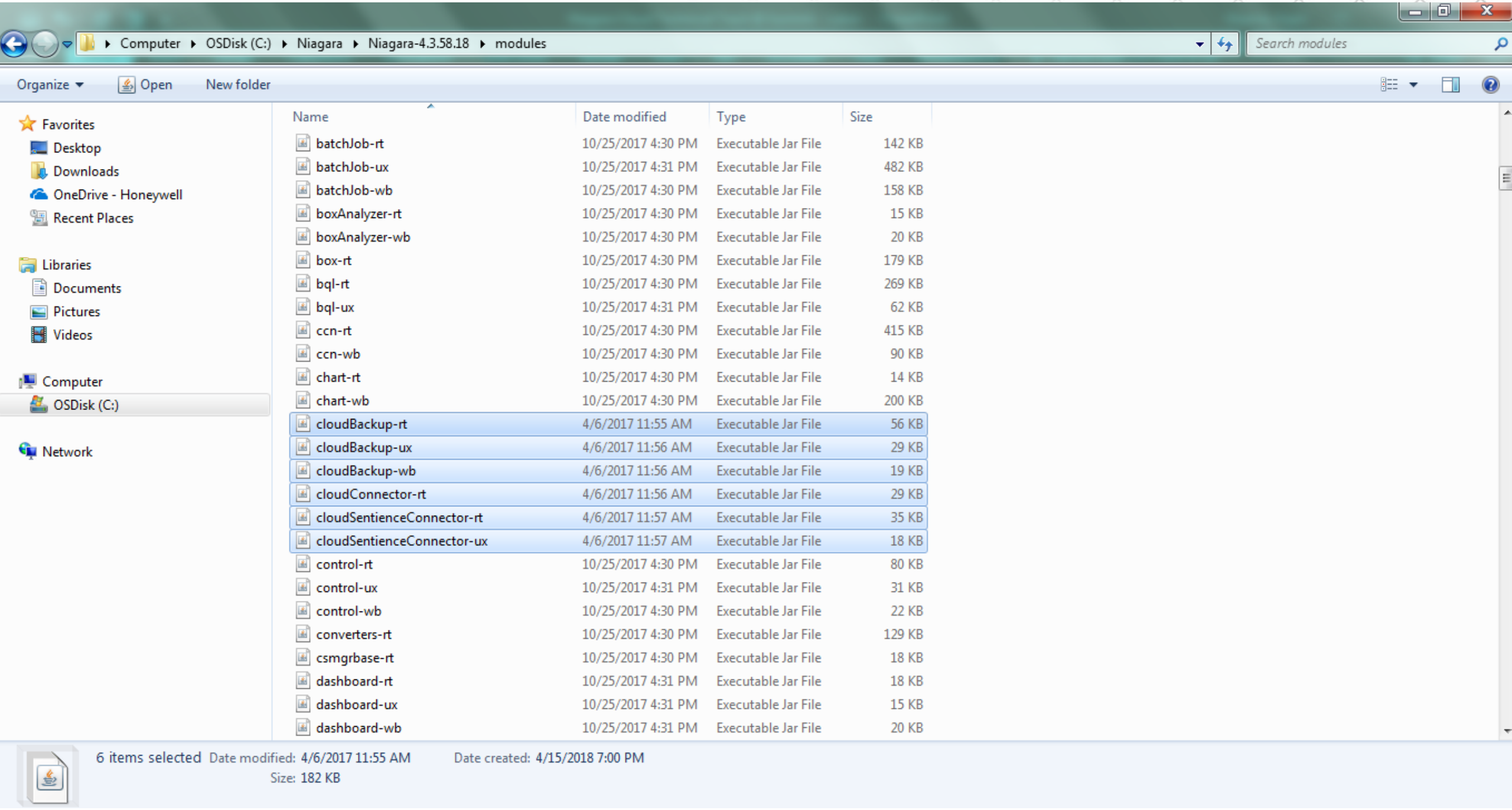
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Libraries
Documents
Pictures
Videos
Computer
OSDisk (C:)
Network
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Size
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about.html

Web Browser View

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My Network

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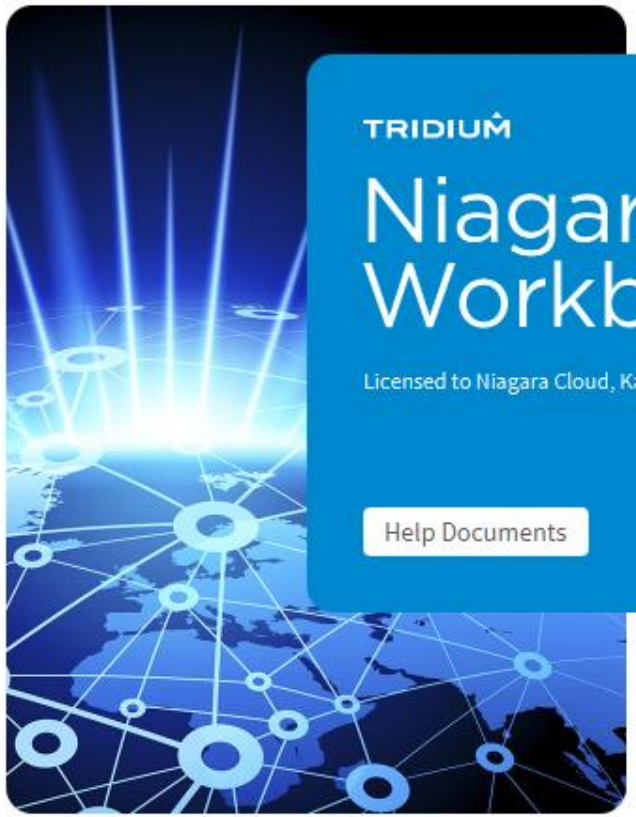
Palette



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My Network

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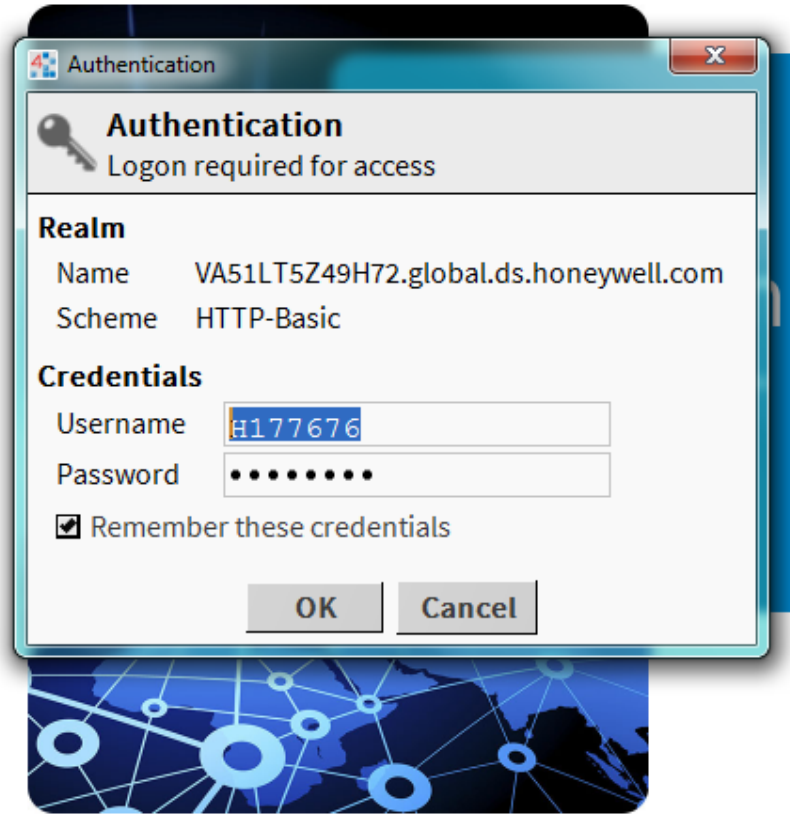
My File System

My Modules

Platform

Station (DemoStation)

Palette

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Application Director

Nav

My Network

My Host : VA51LT5Z49H72.global.ds.honeyv

My File System

My Modules

Platform

Station (DemoStation)

Palette

## Application Director

Connected to localhost

| Name | Type | Status | Details | Auto-Start | Restart on Failure |
|---|---|---|---|---|---|
| DemoStation | station | Starting | fox=n/a,foxs=n/a,http=n/a,https=n/a | false | true |

Auto-Start

Restart on Failure

Start

Stop

Restart

Reboot

Kill

Dump Threads

Save Bog

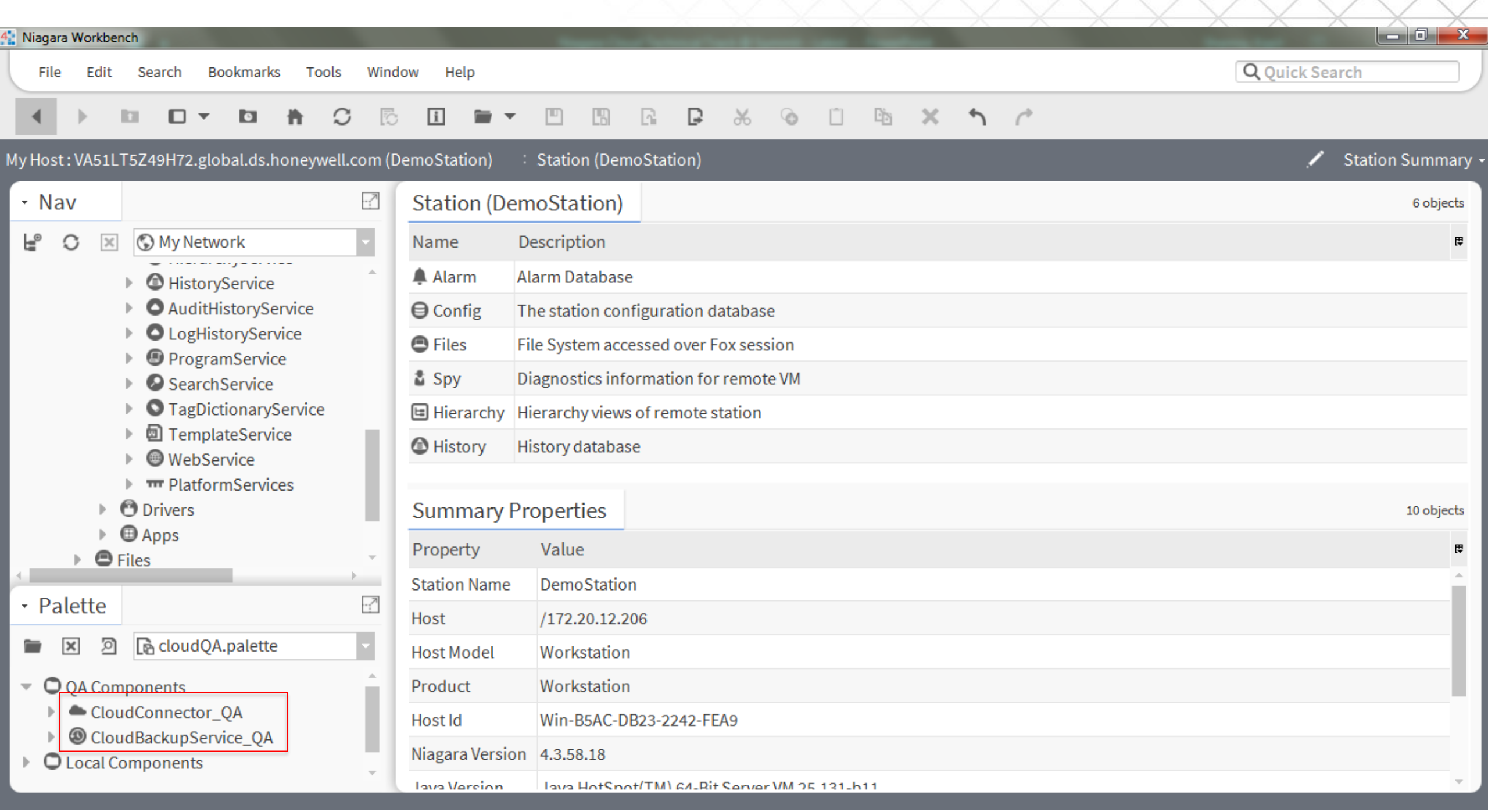
Verify Software

Clear Output

Pause Output

Output Dialog

Stream To File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Station (DemoStation)
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Local Components
Station (DemoStation)
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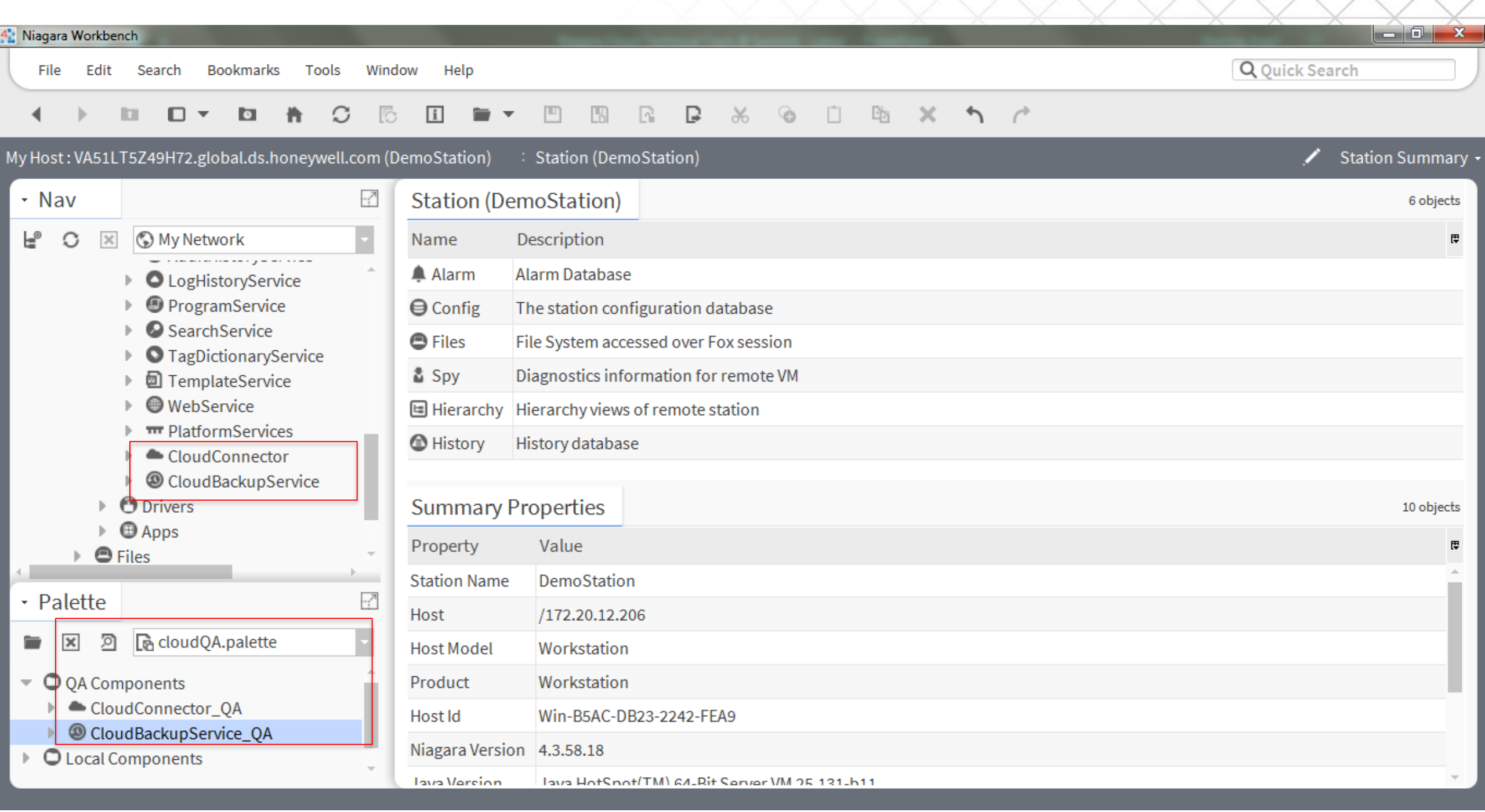
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CloudBackupService_QA
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Spy
Diagnostics information for remote VM
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Hierarchy views of remote station
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History database
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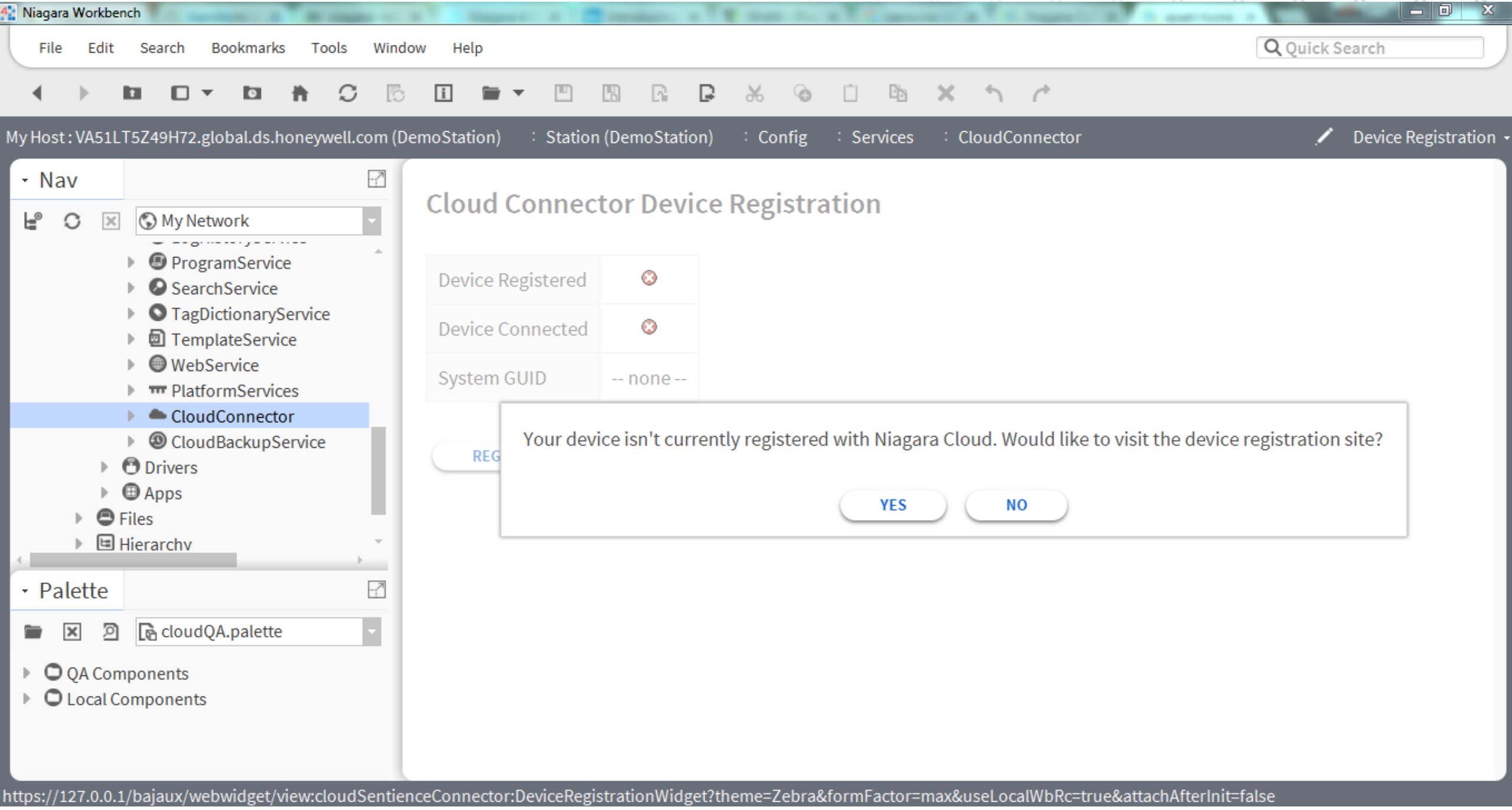
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Local Components
Cloud Connector Device Registration
Device Registered
Device Connected
System GUID
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REG
Your device isn't currently registered with Niagara Cloud. Would like to visit the device registration site?
YES
NO
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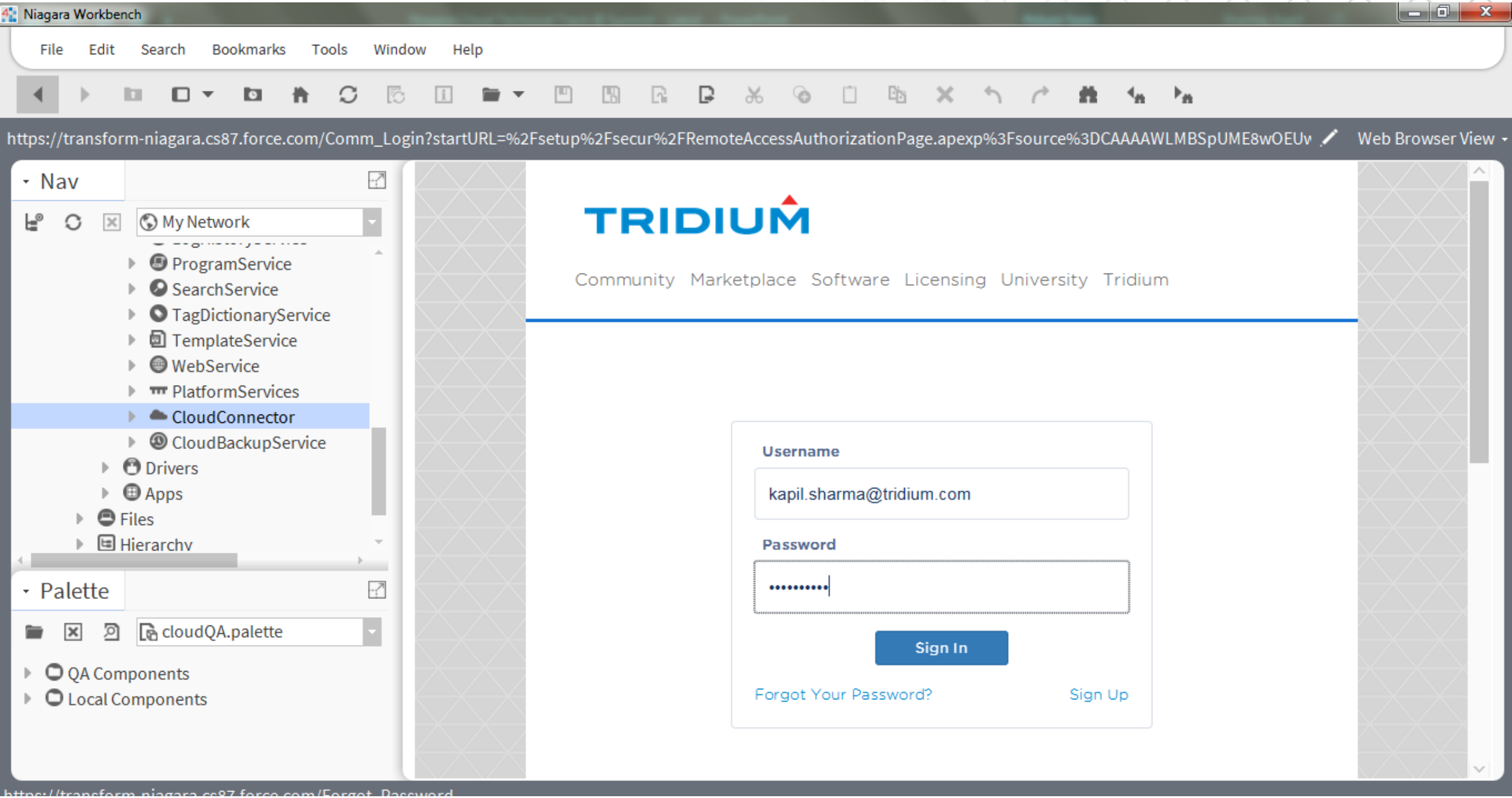
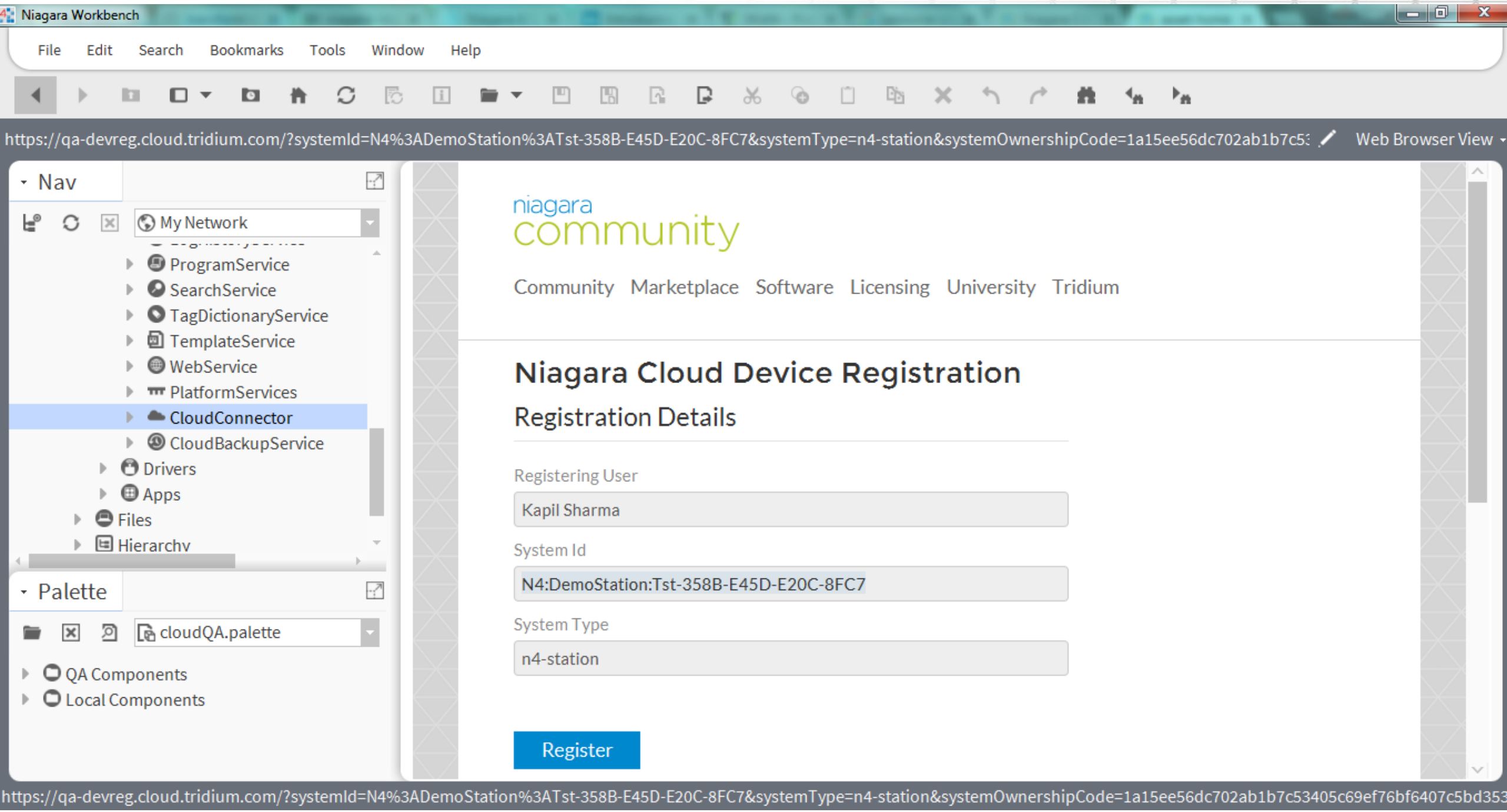

Niagara Workbench
File Edit Search Bookmarks Tools Window Help
https://transform-niagara.cs87.force.com/Comm_Login?startURL=%2Fsetup%2Fsecur%2FRemoteAccessAuthorizationPage.apexp%3Fsource%3DCAAAAWLMBSpUME8wOEUv
Web Browser View
Nav
My Network
ProgramService
SearchService
TagDictionaryService
TemplateService
WebService
PlatformServices
CloudConnector
CloudBackupService
Drivers
Apps
Files
Hierarchy
Palette
cloudQA.palette
QA Components
Local Components
TRIDIUM
Community Marketplace Software Licensing University Tridium
Username
kapil.sharma@tridium.com
Password
Sign In
Forgot Your Password?
Sign Up


Niagara Workbench
File Edit Search Bookmarks Tools Window Help
https://qa-devreg.cloud.tridium.com/?systemId=N4%3ADemoStation%3ATst-358B-E45D-E20C-8FC7&systemType=n4-station&systemOwnershipCode=1a15ee56dc702ab1b7c53 Web Browser View
Nav
My Network
ProgramService
SearchService
TagDictionaryService
TemplateService
WebService
PlatformServices
CloudConnector
CloudBackupService
Drivers
Apps
Files
Hierarchy
Palette
cloudQA.palette
QA Components
Local Components
niagara community
Community Marketplace Software Licensing University Tridium
Niagara Cloud Device Registration
Registration Details
Registering User
Kapil Sharma
System Id
N4:DemoStation:Tst-358B-E45D-E20C-8FC7
System Type
n4-station
Register
https://qa-devreg.cloud.tridium.com/?systemId=N4%3ADemoStation%3ATst-358B-E45D-E20C-8FC7&systemType=n4-station&systemOwnershipCode=1a15ee56dc702ab1b7c53405c69ef76bf6407c5bd353

Niagara Workbench

File Edit Search Bookmarks Tools Window Help

https://transform-niagara.cs87.force.com/ncplus/s/adddevice?user_id=0058E000002V71VQAS&host_id=Tst-358B-E45D-E20C-8FC7&redirect_uri=https%3A%2F%2Fqa-devreg.c Web Browser View

Nav

My Network

- ProgramService
- SearchService
- TagDictionaryService
- TemplateService
- WebService
- PlatformServices
- CloudConnector
- CloudBackupService
- Drivers
- Apps
- Files
- Hierarchy

Palette

cloudQA.palette

- QA Components
- Local Components

niagara community

Community Marketplace Software Licensing University Tridium (8)

Asset Manager Organization

Search ....

Add Single Device

Bulk Add Devices

* Enter Host ID

Tst-358B-E45D-E20C-8FC

javascript:void(0);

Niagara Workbench

File Edit Search Bookmarks Tools Window Help

https://transform-niagara.cs87.force.com/ncplus/s/adddevice?user_id=0058E000002V71VQAS&host_id=Tst-358B-E45D-E20C-8FC7&redirect_uri=https%3A%2F%2Fqa-devreg.c

Web Browser View

Nav

My Network

- ProgramService
- SearchService
- TagDictionaryService
- TemplateService
- WebService
- PlatformServices
- CloudConnector
- CloudBackupService
- Drivers
- Apps
- Files
- Hierarchy

Palette

cloudQA.palette

- QA Components
- Local Components

javascript:void(0);

Add Single Device

Bulk Add Devices

**Owner**

Tridium USA

**Service Provider**

Tridium USA

**Device Location**

601 Loyola Ave

Address Line2

New Orleans

LA

70113

USA

**Projects**

KapilDemo ×

**Installed Software Version**

4.3

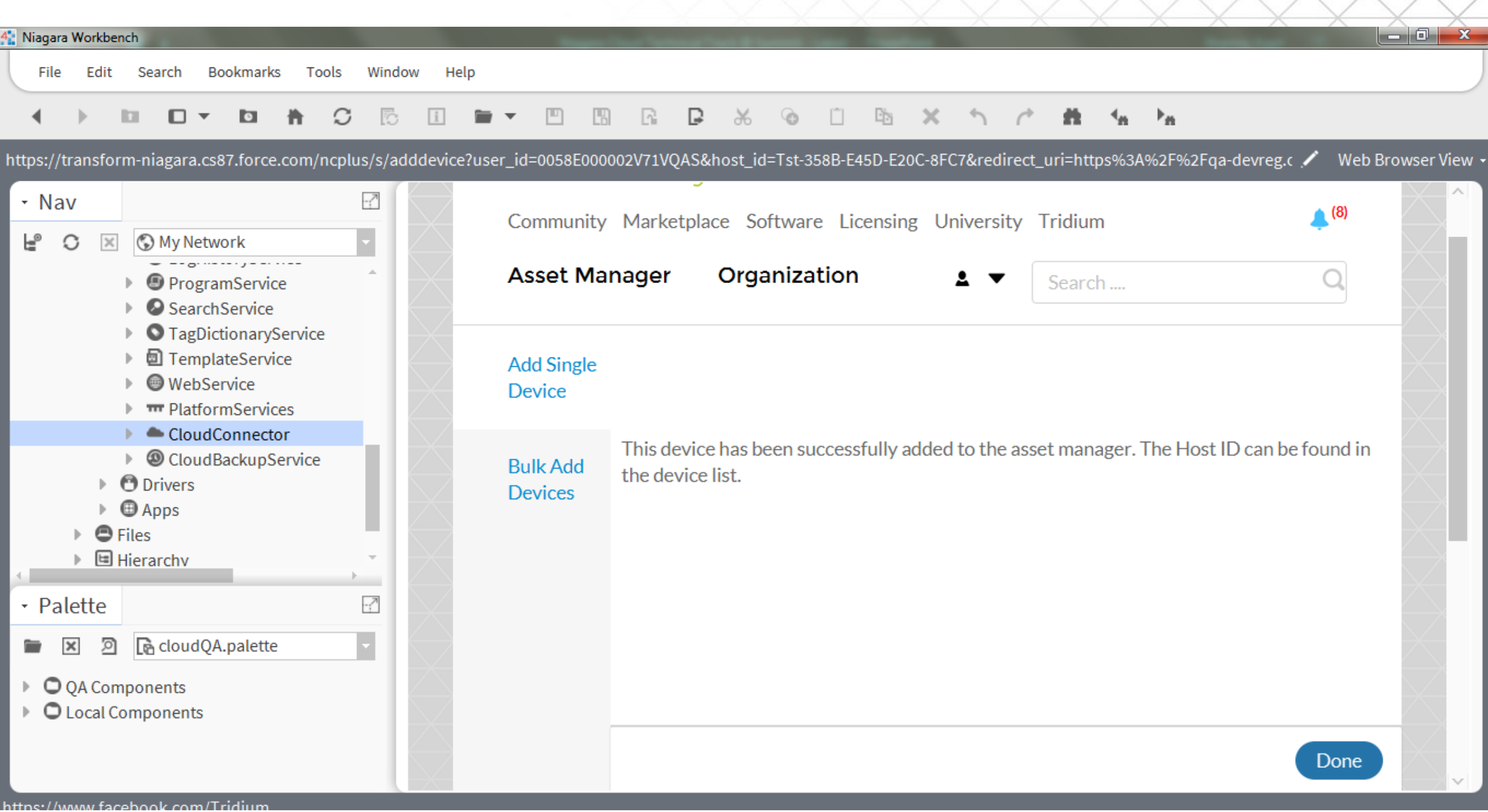
**Notes**

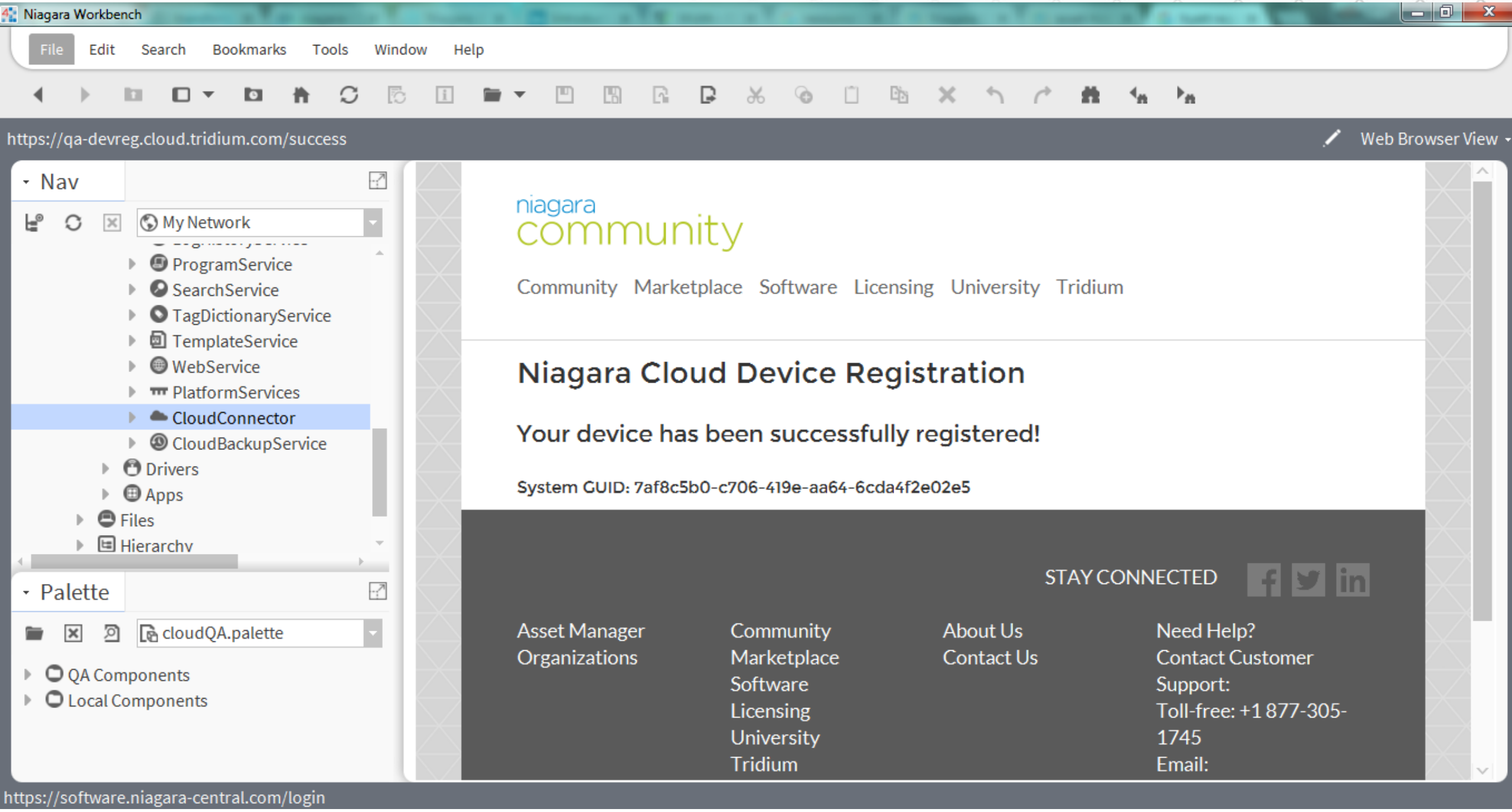
JACE managing Hyatt Regency, Floor 3.

Back

Cancel

Add Device


Niagara Workbench
File Edit Search Bookmarks Tools Window Help
https://transform-niagara.cs87.force.com/ncplus/s/adddevice?user_id=0058E000002V71VQAS&host_id=Tst-358B-E45D-E20C-8FC7&redirect_uri=https%3A%2F%2Fqa-devreg.c
Web Browser View
Nav
My Network
ProgramService
SearchService
TagDictionaryService
TemplateService
WebService
PlatformServices
CloudConnector
CloudBackupService
Drivers
Apps
Files
Hierarchy
Palette
cloudQA.palette
QA Components
Local Components
Community Marketplace Software Licensing University Tridium
(8)
Asset Manager Organization
Search ....
Add Single Device
Bulk Add Devices
This device has been successfully added to the asset manager. The Host ID can be found in the device list.
Done
https://www.facebook.com/Tridium


Niagara Workbench
File
Edit
Search
Bookmarks
Tools
Window
Help
https://qa-devreg.cloud.tridium.com/success
Web Browser View
Nav
My Network
ProgramService
SearchService
TagDictionaryService
TemplateService
WebService
PlatformServices
CloudConnector
CloudBackupService
Drivers
Apps
Files
Hierarchy
Palette
cloudQA.palette
QA Components
Local Components
niagara
community
Community Marketplace Software Licensing University Tridium
Niagara Cloud Device Registration
Your device has been successfully registered!
System GUID: 7af8c5b0-c706-419e-aa64-6cda4f2e02e5
STAY CONNECTED
Asset Manager
Organizations
Community
Marketplace
Software
Licensing
University
Tridium
About Us
Contact Us
Need Help?
Contact Customer
Support:
Toll-free: +1 877-305-1745
Email:
https://software.niagara-central.com/login

Niagara Workbench

File Edit Search Bookmarks Tools Window Help

Quick Search

My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation) : Station (DemoStation) : Config : Services : CloudConnector Device Registration

Nav

My Network

- HistoryService
- AuditHistoryService
- LogHistoryService
- ProgramService
- SearchService
- TagDictionaryService
- TemplateService
- WebService
- PlatformServices
- CloudConnector
  - Connector Impl
  - Alarm Source Info

Palette

cloudQA.palette

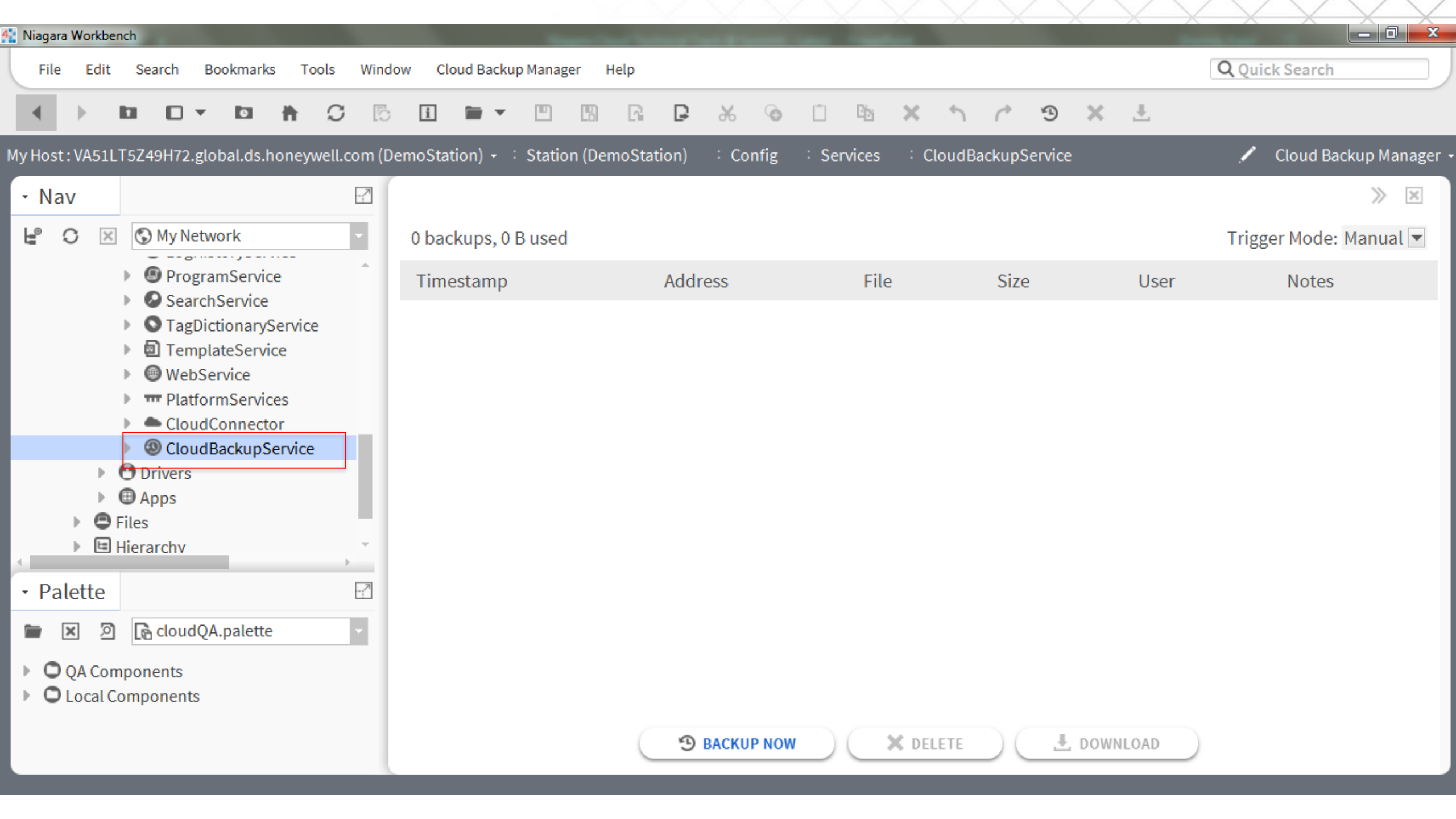
- QA Components
- Local Components

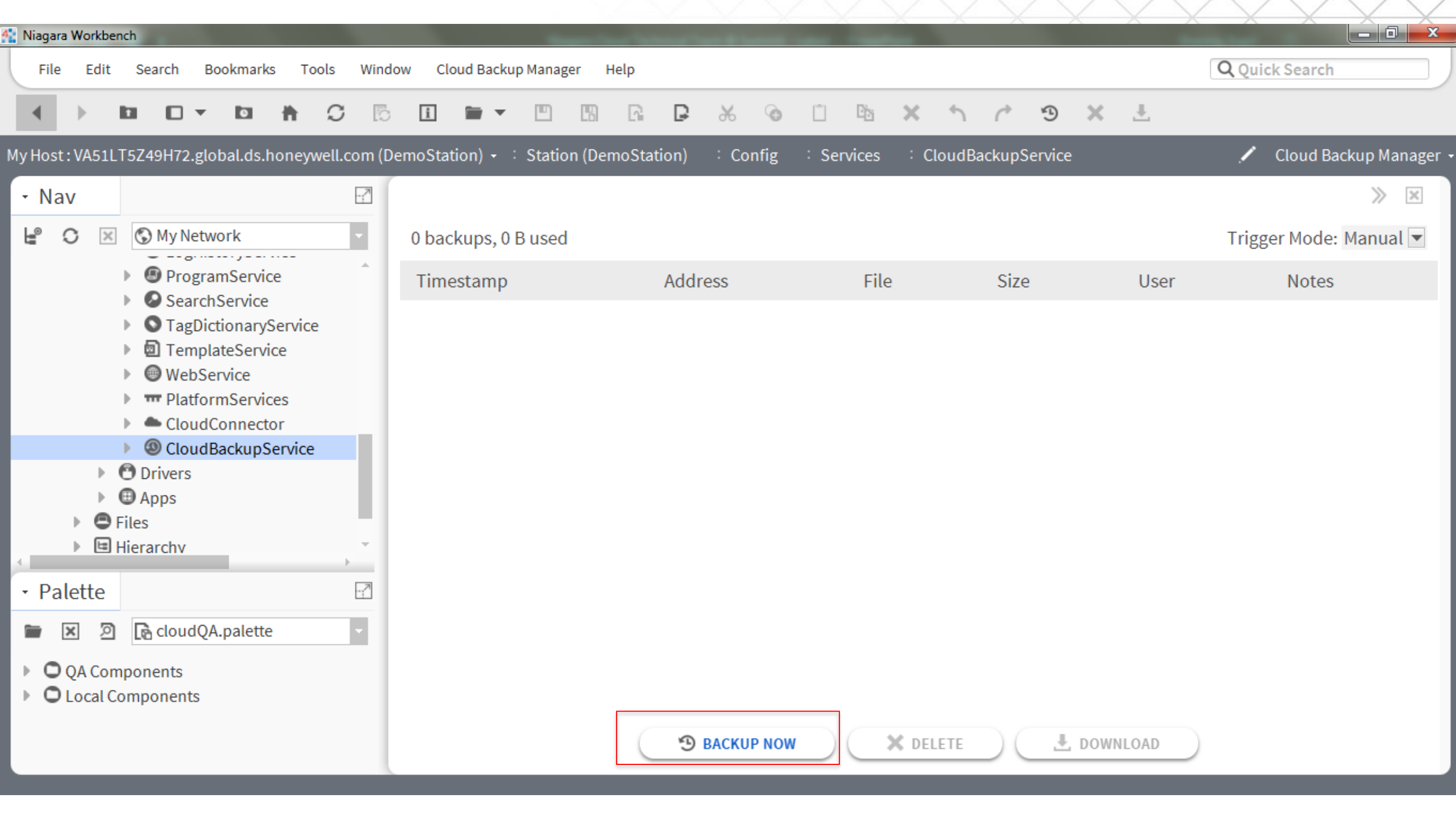
# Cloud Connector Device Registration

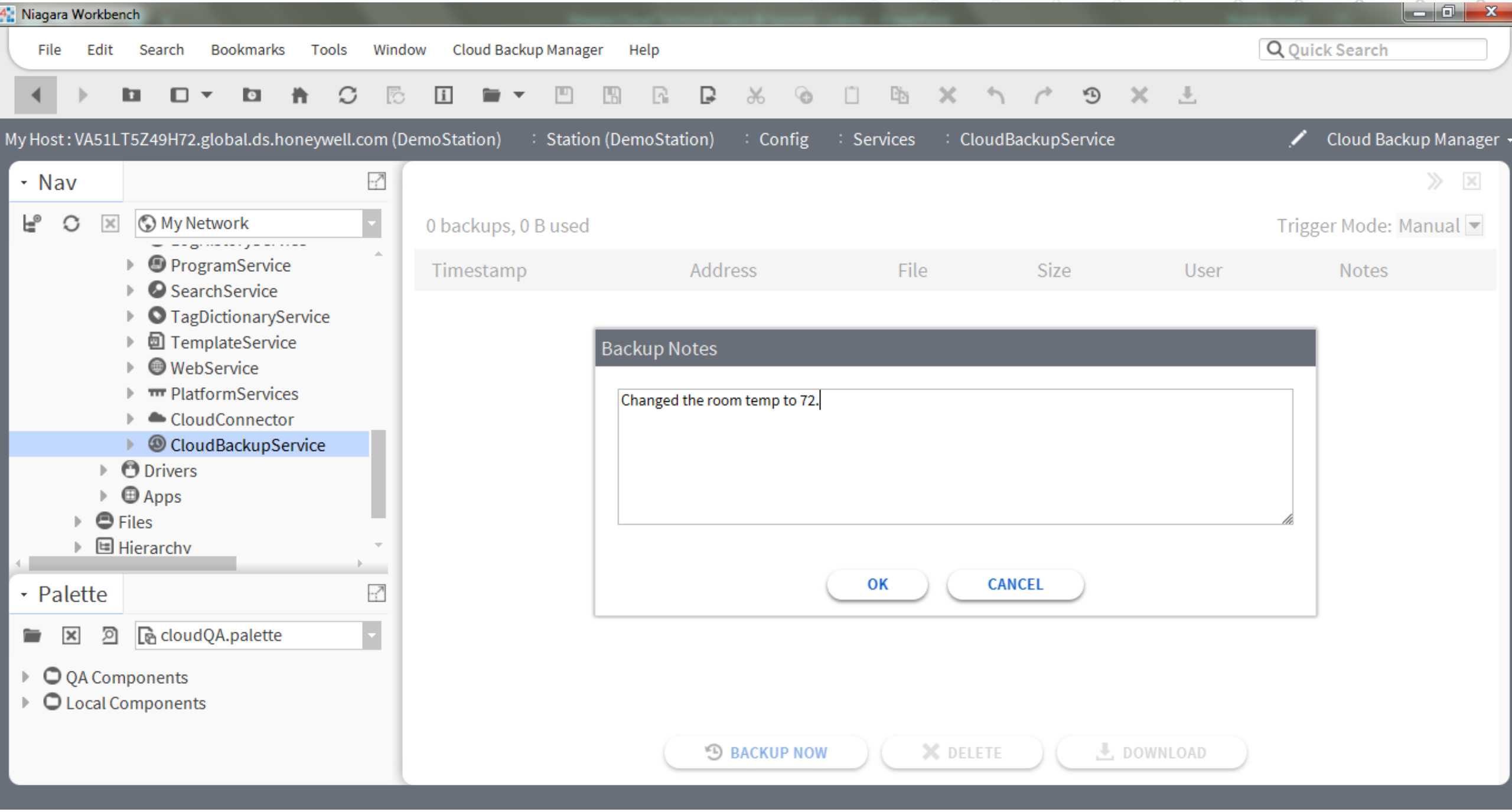
| | |
|---|---|
| Device Registered | ✓ |
| Device Connected | ✓ |
| System GUID | 7af8c5b0-c706-419e-aa64-6cda4f2e02e5 |

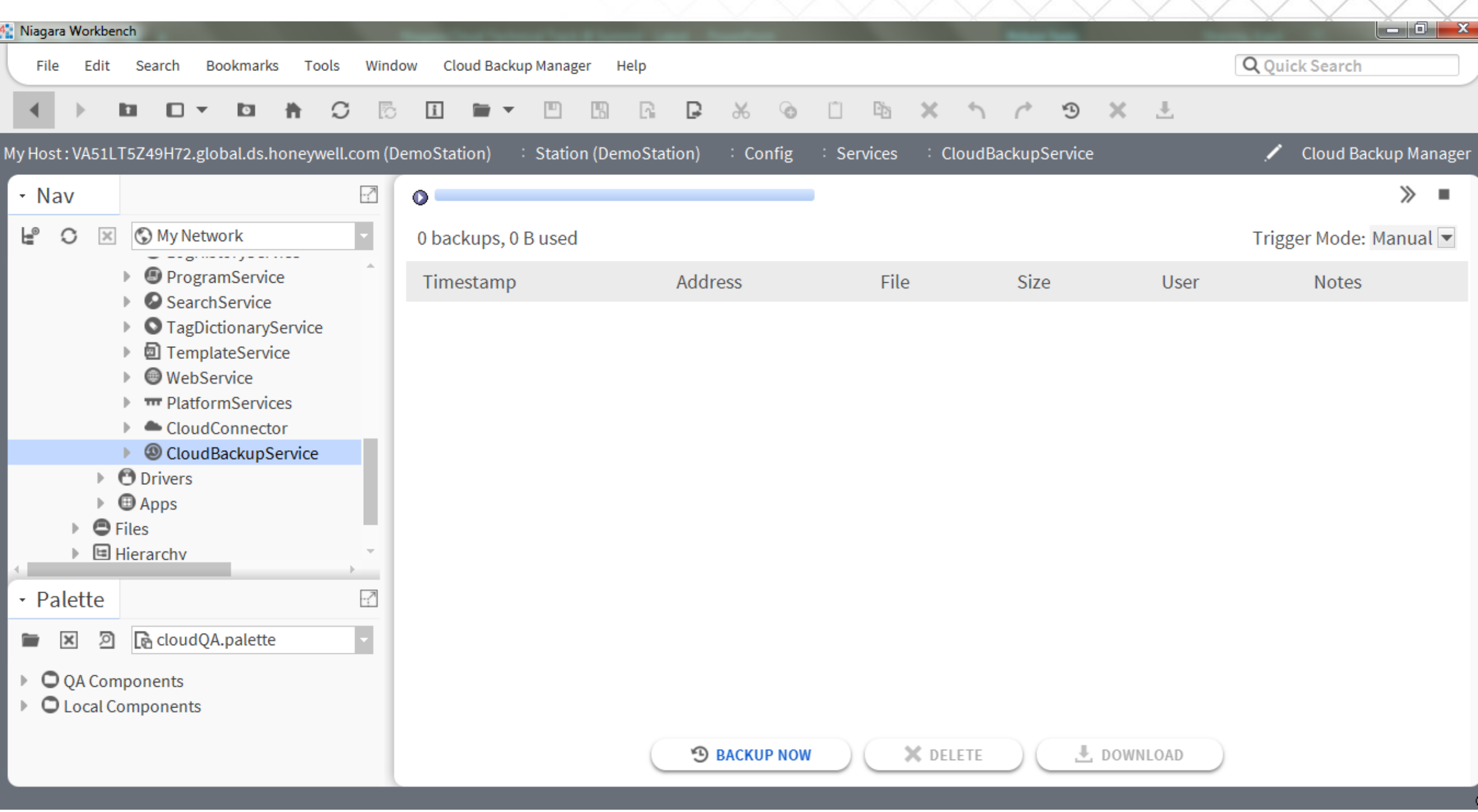
REGISTER DEVICE FORCE RECONNECT

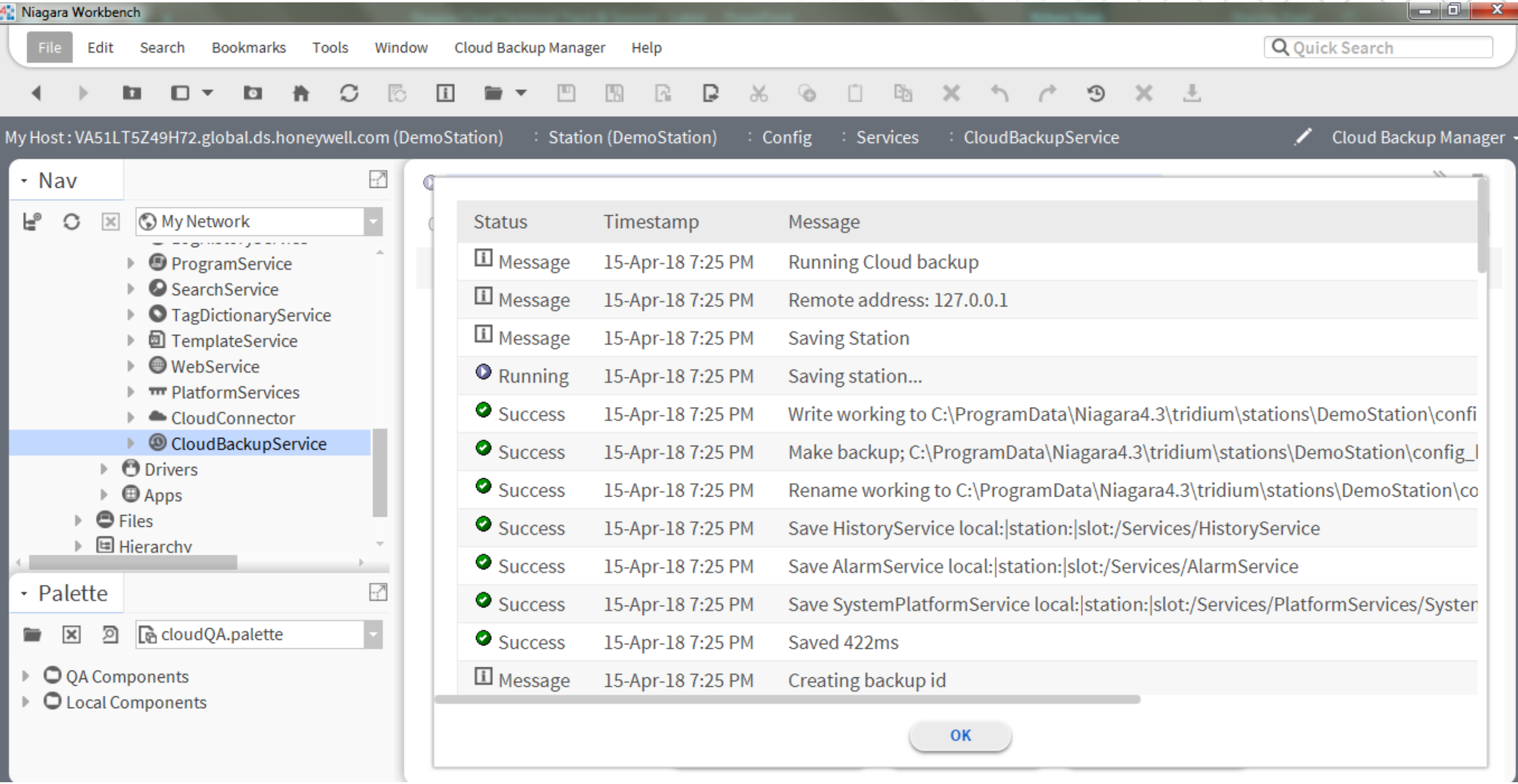
https://127.0.0.1/bajaux/webwidget/view:cloudSentienceConnector:DeviceRegistrationWidget?theme=Zebra&formFactor=max&useLocalWbRc=true&attachAfterInit=false


Niagara Workbench
File
Edit
Search
Bookmarks
Tools
Window
Cloud Backup Manager
Help
Quick Search
My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation)
Station (DemoStation)
Config
Services
CloudBackupService
Cloud Backup Manager
Nav
My Network
ProgramService
SearchService
TagDictionaryService
TemplateService
WebService
PlatformServices
CloudConnector
CloudBackupService
Drivers
Apps
Files
Hierarchy
Palette
cloudQA.palette
QA Components
Local Components
0 backups, 0 B used
Trigger Mode: Manual
Timestamp
Address
File
Size
User
Notes
BACKUP NOW
DELETE
DOWNLOAD


Niagara Workbench
File
Edit
Search
Bookmarks
Tools
Window
Cloud Backup Manager
Help
Quick Search
My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation)
Station (DemoStation)
Config
Services
CloudBackupService
Cloud Backup Manager
Nav
My Network
ProgramService
SearchService
TagDictionaryService
TemplateService
WebService
PlatformServices
CloudConnector
CloudBackupService
Drivers
Apps
Files
Hierarchy
Palette
cloudQA.palette
QA Components
Local Components
0 backups, 0 B used
Trigger Mode: Manual
Timestamp
Address
File
Size
User
Notes
BACKUP NOW
DELETE
DOWNLOAD


Niagara Workbench
File Edit Search Bookmarks Tools Window Cloud Backup Manager Help
Quick Search
My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation) : Station (DemoStation) : Config : Services : CloudBackupService
Cloud Backup Manager
Nav
My Network
ProgramService
SearchService
TagDictionaryService
TemplateService
WebService
PlatformServices
CloudConnector
CloudBackupService
Drivers
Apps
Files
Hierarchy
Palette
cloudQA.palette
QA Components
Local Components
0 backups, 0 B used
Trigger Mode: Manual
Timestamp
Address
File
Size
User
Notes
Backup Notes
Changed the room temp to 72.
OK
CANCEL
BACKUP NOW
DELETE
DOWNLOAD


Niagara Workbench
File
Edit
Search
Bookmarks
Tools
Window
Cloud Backup Manager
Help
Quick Search
My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation)
Station (DemoStation)
Config
Services
CloudBackupService
Cloud Backup Manager
Nav
My Network
ProgramService
SearchService
TagDictionaryService
TemplateService
WebService
PlatformServices
CloudConnector
CloudBackupService
Drivers
Apps
Files
Hierarchy
Palette
cloudQA.palette
QA Components
Local Components
0 backups, 0 B used
Trigger Mode: Manual
Timestamp
Address
File
Size
User
Notes
BACKUP NOW
DELETE
DOWNLOAD


Niagara Workbench
File
Edit
Search
Bookmarks
Tools
Window
Cloud Backup Manager
Help
Quick Search
My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation)
Station (DemoStation)
Config
Services
CloudBackupService
Cloud Backup Manager
Nav
My Network
ProgramService
SearchService
TagDictionaryService
TemplateService
WebService
PlatformServices
CloudConnector
CloudBackupService
Drivers
Apps
Files
Hierarchy
Palette
cloudQA.palette
QA Components
Local Components
Status
Timestamp
Message
Message 15-Apr-18 7:25 PM Running Cloud backup
Message 15-Apr-18 7:25 PM Remote address: 127.0.0.1
Message 15-Apr-18 7:25 PM Saving Station
Running 15-Apr-18 7:25 PM Saving station...
Success 15-Apr-18 7:25 PM Write working to C:\ProgramData\Niagara4.3\tridium\stations\DemoStation\confi
Success 15-Apr-18 7:25 PM Make backup; C:\ProgramData\Niagara4.3\tridium\stations\DemoStation\config_
Success 15-Apr-18 7:25 PM Rename working to C:\ProgramData\Niagara4.3\tridium\stations\DemoStation\co
Success 15-Apr-18 7:25 PM Save HistoryService local:|station:|slot:/Services/HistoryService
Success 15-Apr-18 7:25 PM Save AlarmService local:|station:|slot:/Services/AlarmService
Success 15-Apr-18 7:25 PM Save SystemPlatformService local:|station:|slot:/Services/PlatformServices/Syster
Success 15-Apr-18 7:25 PM Saved 422ms
Message 15-Apr-18 7:25 PM Creating backup id
OK

Niagara Workbench

File Edit Search Bookmarks Tools Window Cloud Backup Manager Help

Quick Search

My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation) : Station (DemoStation) : Config : Services : CloudBackupService

Cloud Backup Manager

Nav

My Network

- ProgramService
- SearchService
- TagDictionaryService
- TemplateService
- WebService
- PlatformServices
- CloudConnector
- CloudBackupService
- Drivers
- Apps
- Files
- Hierarchy

Palette

cloudQA.palette

- QA Components
- Local Components

Success

1 of 10 backups, 19.22 MB used

Trigger Mode: Manual

| Timestamp | Address | File | Size | User | Notes |
|---|---|---|---|---|---|
| April 15 2018 11:25 PM | 127.0.0.1 | backup_DemoStation_20180415_1926.edist | 19.22 MB | admin | Changed the ro |

BACKUP NOW DELETE DOWNLOAD

Niagara Workbench

File Edit Search Bookmarks Tools Window Cloud Backup Manager Help

Quick Search

My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation) : Station (DemoStation) : Config : Services : CloudBackupService : Cloud Backup Manager

Nav

My Network

- ProgramService
- SearchService
- TagDictionaryService
- TemplateService
- WebService
- PlatformServices
- CloudConnector
- CloudBackupService
- Drivers
- Apps
- Files
- Hierarchy

Palette

cloudQA.palette

- QA Components
- Local Components

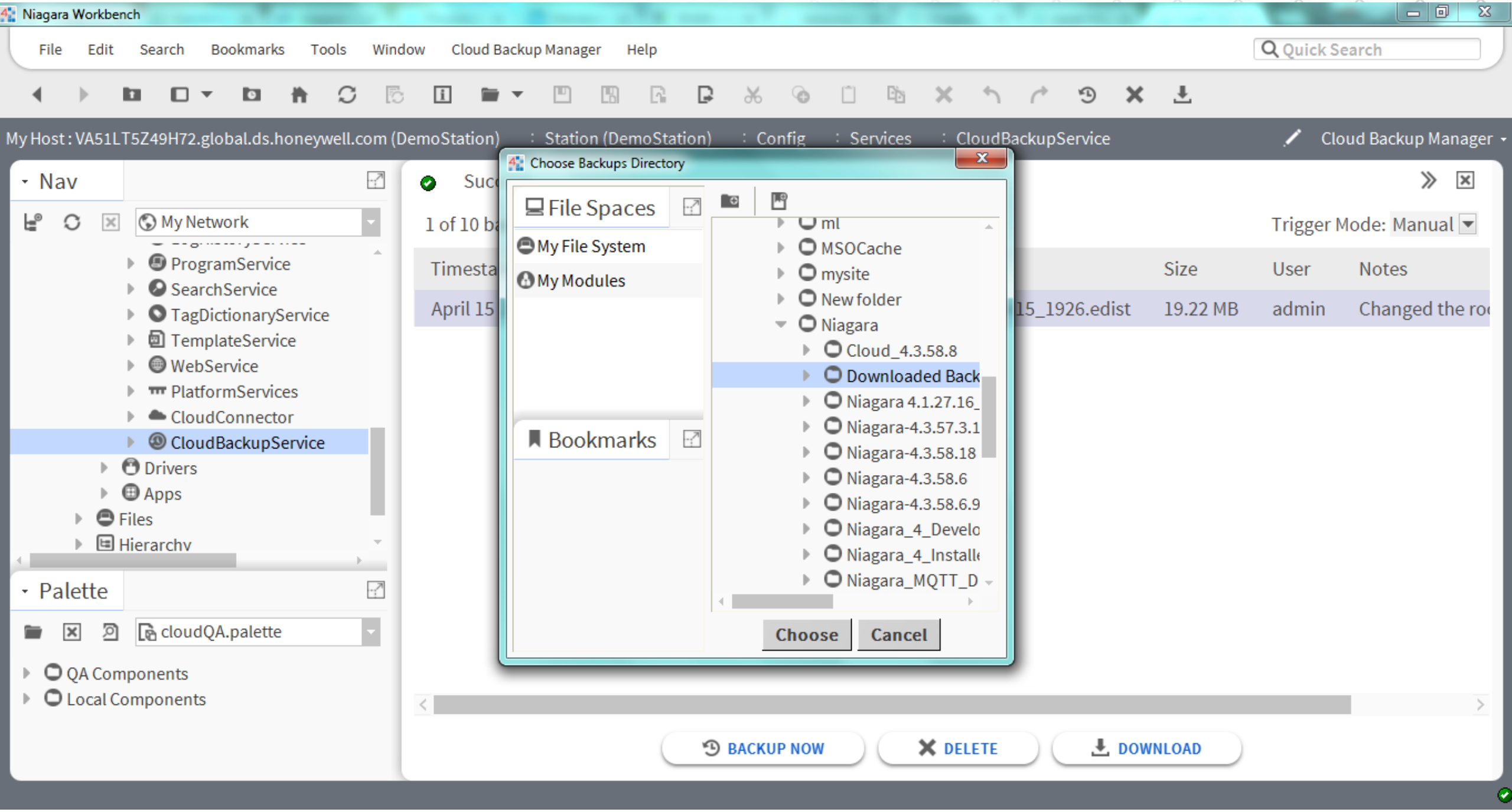
Success

1 of 10 backups, 19.22 MB used

Trigger Mode: Manual

| Timestamp | Address | File | Size | User | Notes |
|---|---|---|---|---|---|
| April 15 2018 11:25 PM | 127.0.0.1 | backup_DemoStation_20180415_1926.edist | 19.22 MB | admin | Changed the ro |

BACKUP NOW DELETE DOWNLOAD


Niagara Workbench
File
Edit
Search
Bookmarks
Tools
Window
Cloud Backup Manager
Help
Quick Search
My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation)
Station (DemoStation)
Config
Services
CloudBackupService
Cloud Backup Manager
Nav
My Network
ProgramService
SearchService
TagDictionaryService
TemplateService
WebService
PlatformServices
CloudConnector
CloudBackupService
Drivers
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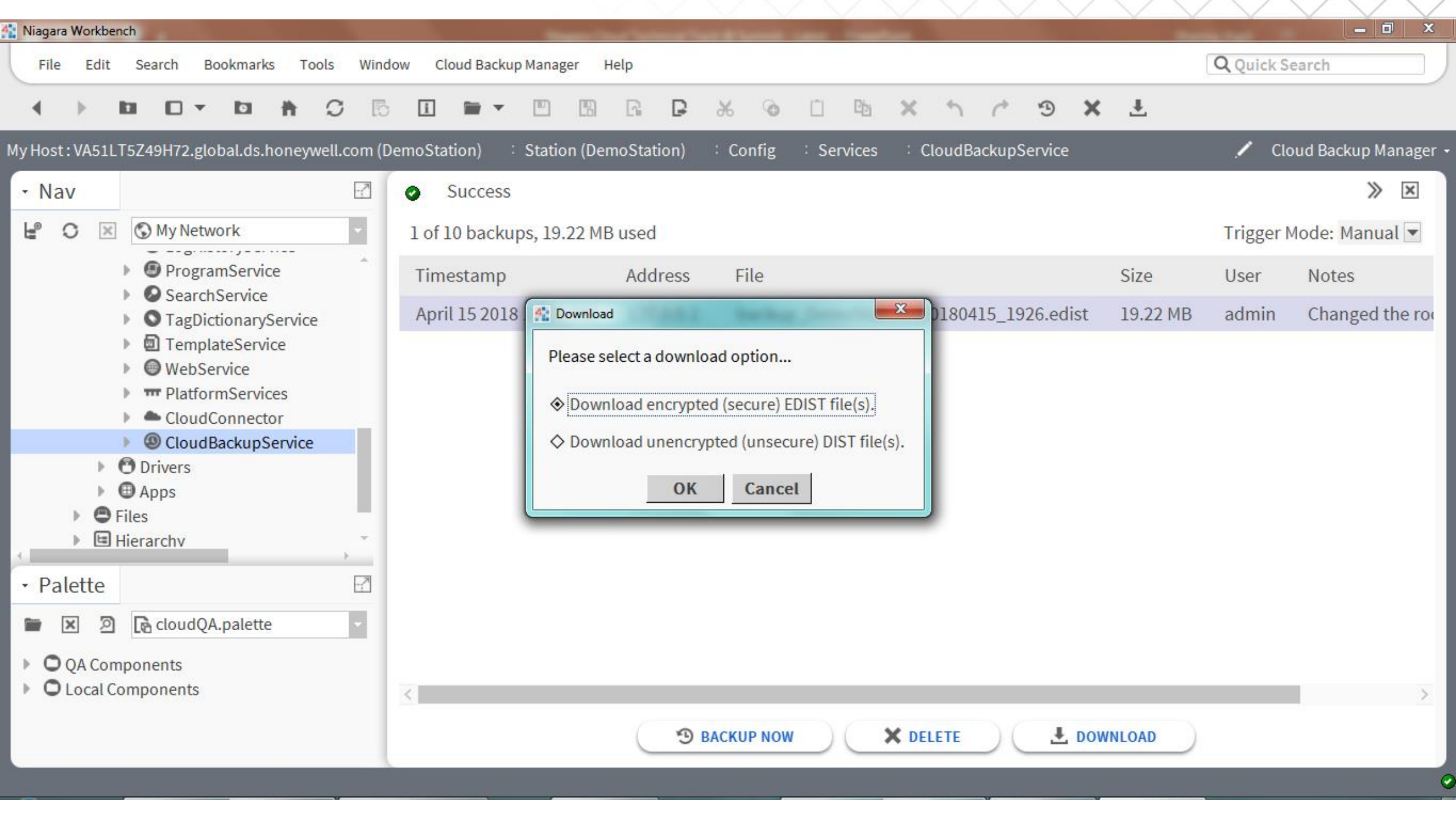
cloudQA.palette
QA Components
Local Components
Choose Backups Directory
File Spaces
My File System
My Modules
Bookmarks
ml
MSOCache
mysite
New folder
Niagara
Cloud_4.3.58.8
Downloaded Back
Niagara 4.1.27.16_
Niagara-4.3.57.3.1
Niagara-4.3.58.18
Niagara-4.3.58.6
Niagara-4.3.58.6.9
Niagara_4_Develo
Niagara_4_Installe
Niagara_MQTT_D
Choose
Cancel
1 of 10 ba
Trigger Mode: Manual
Timesta
Size
User
Notes
April 15
15_1926.edist
19.22 MB
admin
Changed the ro
BACKUP NOW
DELETE
DOWNLOAD


Niagara Workbench
File Edit Search Bookmarks Tools Window Cloud Backup Manager Help
Quick Search
My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation) : Station (DemoStation) : Config : Services : CloudBackupService
Cloud Backup Manager
Nav
My Network
ProgramService
SearchService
TagDictionaryService
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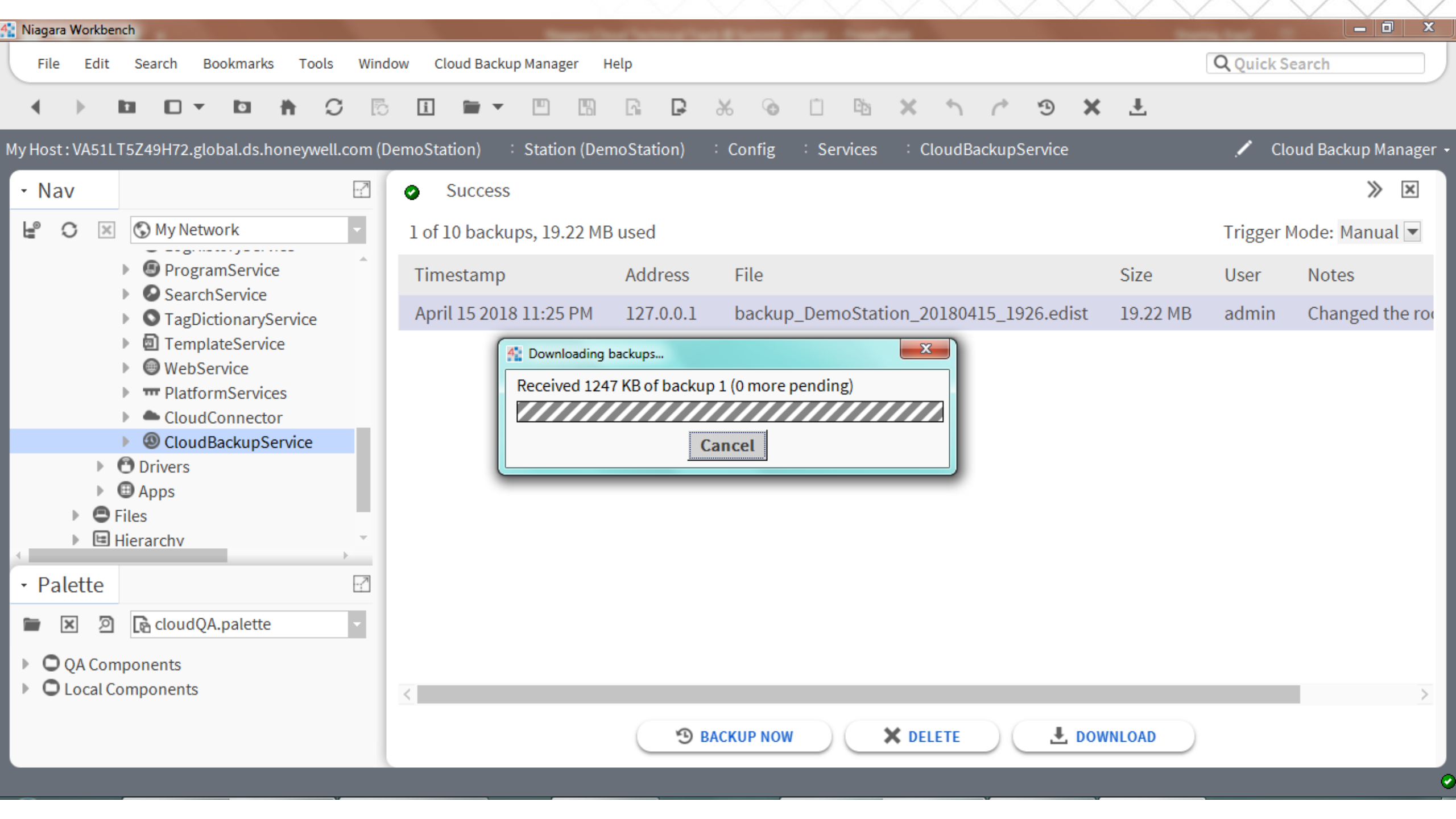
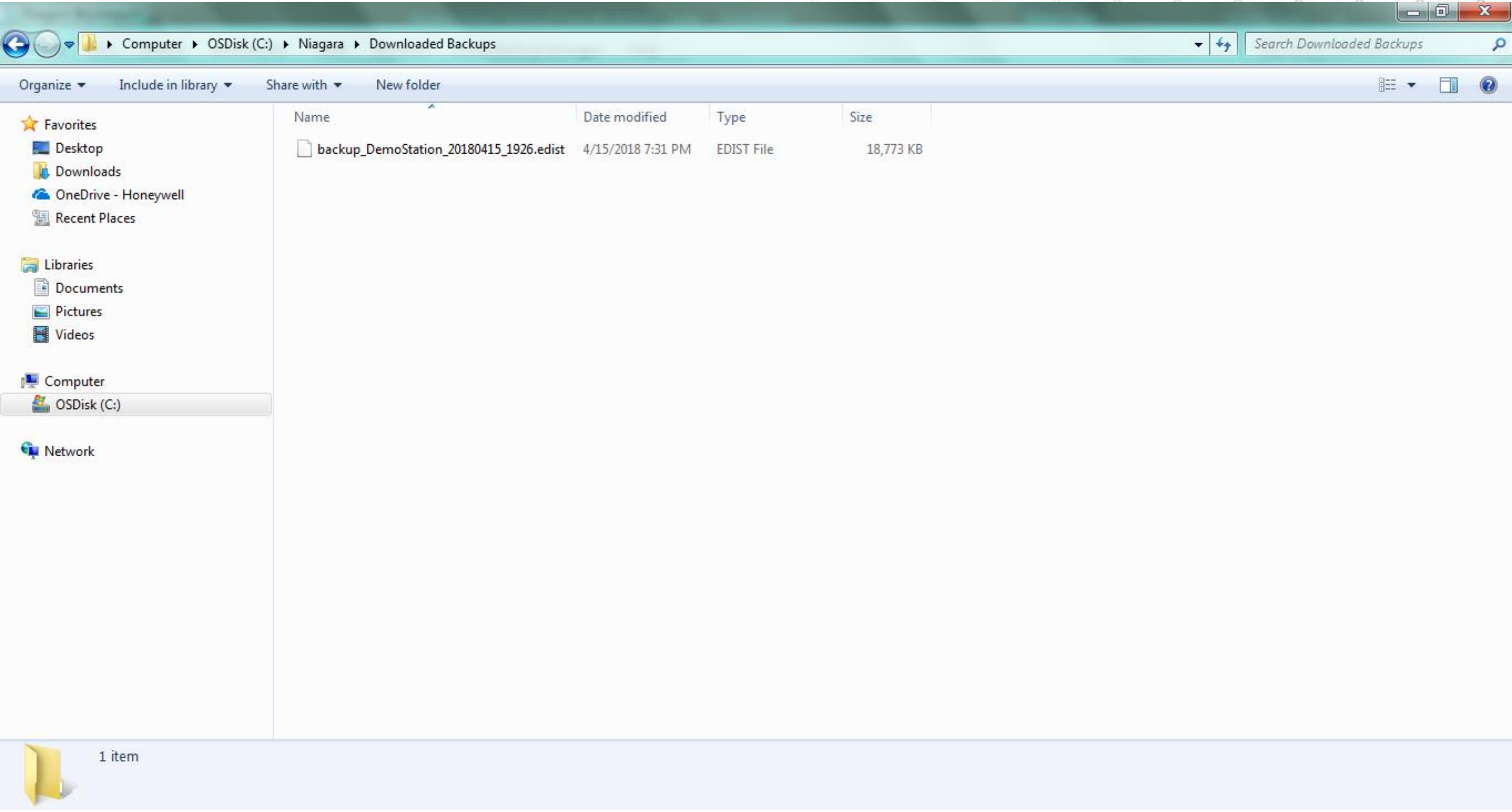
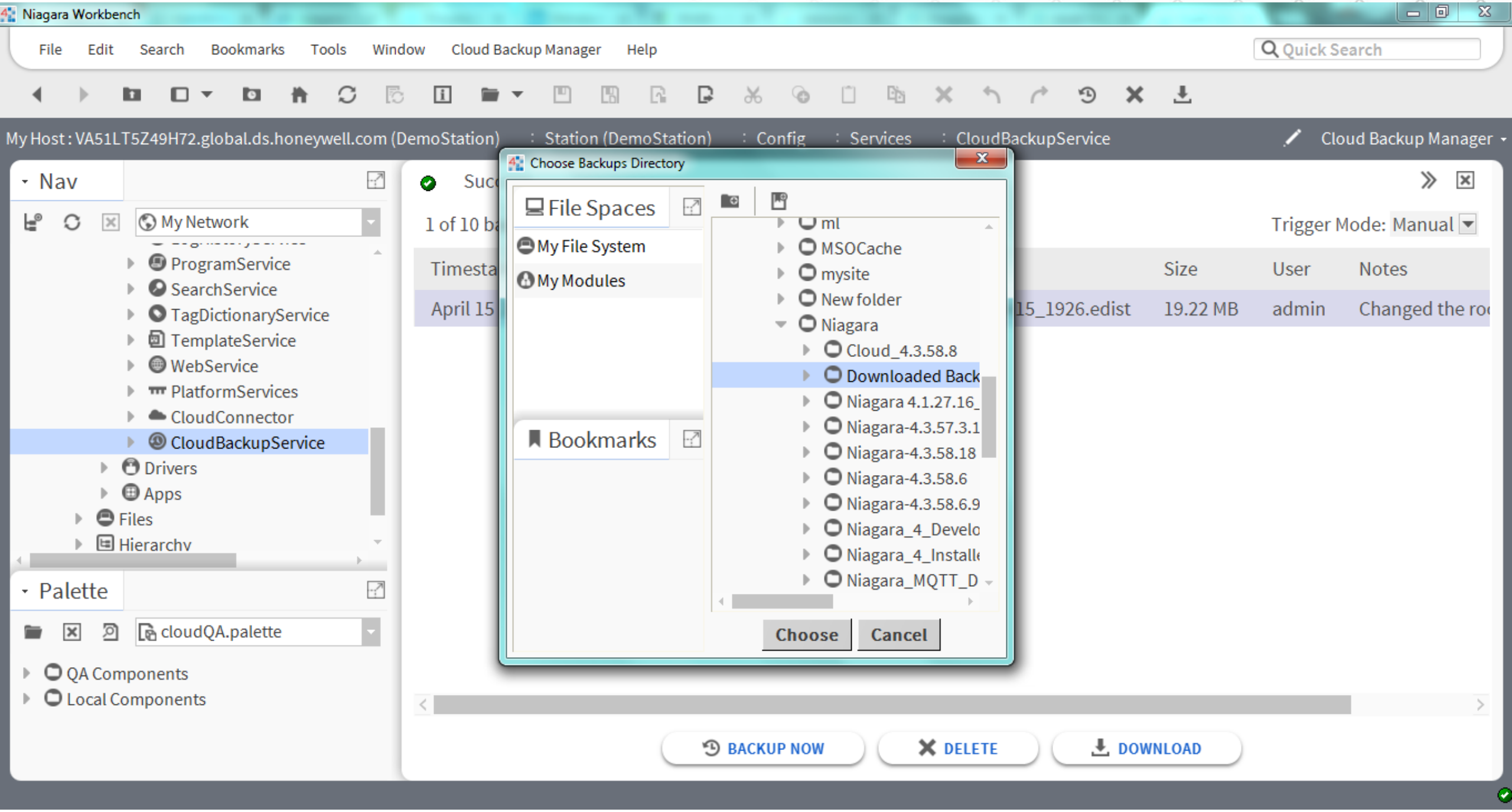
WebService
PlatformServices
CloudConnector
CloudBackupService
Drivers
Apps
Files
Hierarchy
Palette
cloudQA.palette
QA Components
Local Components
Success
1 of 10 backups, 19.22 MB used
Trigger Mode: Manual
Timestamp Address File Size User Notes
April 15 2018 0180415_1926.edist 19.22 MB admin Changed the ro
Download
Please select a download option...
Download encrypted (secure) EDIST file(s).
Download unencrypted (unsecure) DIST file(s).
OK
Cancel
BACKUP NOW
DELETE
DOWNLOAD


Niagara Workbench
File Edit Search Bookmarks Tools Window Cloud Backup Manager Help
Quick Search
My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation) : Station (DemoStation) : Config : Services : CloudBackupService
Cloud Backup Manager
Nav
My Network
ProgramService
SearchService
TagDictionaryService
TemplateService
WebService
PlatformServices
CloudConnector
CloudBackupService
Drivers
Apps
Files
Hierarchy
Palette
cloudQA.palette
QA Components
Local Components
Success
1 of 10 backups, 19.22 MB used
Trigger Mode: Manual
Timestamp Address File Size User Notes
April 15 2018 11:25 PM 127.0.0.1 backup_DemoStation_20180415_1926.edist 19.22 MB admin Changed the ro
Downloading backups...
Received 1247 KB of backup 1 (0 more pending)
Cancel
BACKUP NOW
DELETE
DOWNLOAD


Computer ▸ OSDisk (C:) ▸ Niagara ▸ Downloaded Backups
Search Downloaded Backups
Organize
Include in library
Share with
New folder
Favorites
Desktop
Downloads
OneDrive - Honeywell
Recent Places
Libraries
Documents
Pictures
Videos
Computer
OSDisk (C:)
Network
Name
Date modified
Type
Size
backup_DemoStation_20180415_1926.edist
4/15/2018 7:31 PM
EDIST File
18,773 KB
1 item


Niagara Workbench
File
Edit
Search
Bookmarks
Tools
Window
Cloud Backup Manager
Help
Quick Search
My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation)
Station (DemoStation)
Config
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CloudBackupService
Cloud Backup Manager
Nav
My Network
ProgramService
SearchService
TagDictionaryService
TemplateService
WebService
PlatformServices
CloudConnector
CloudBackupService
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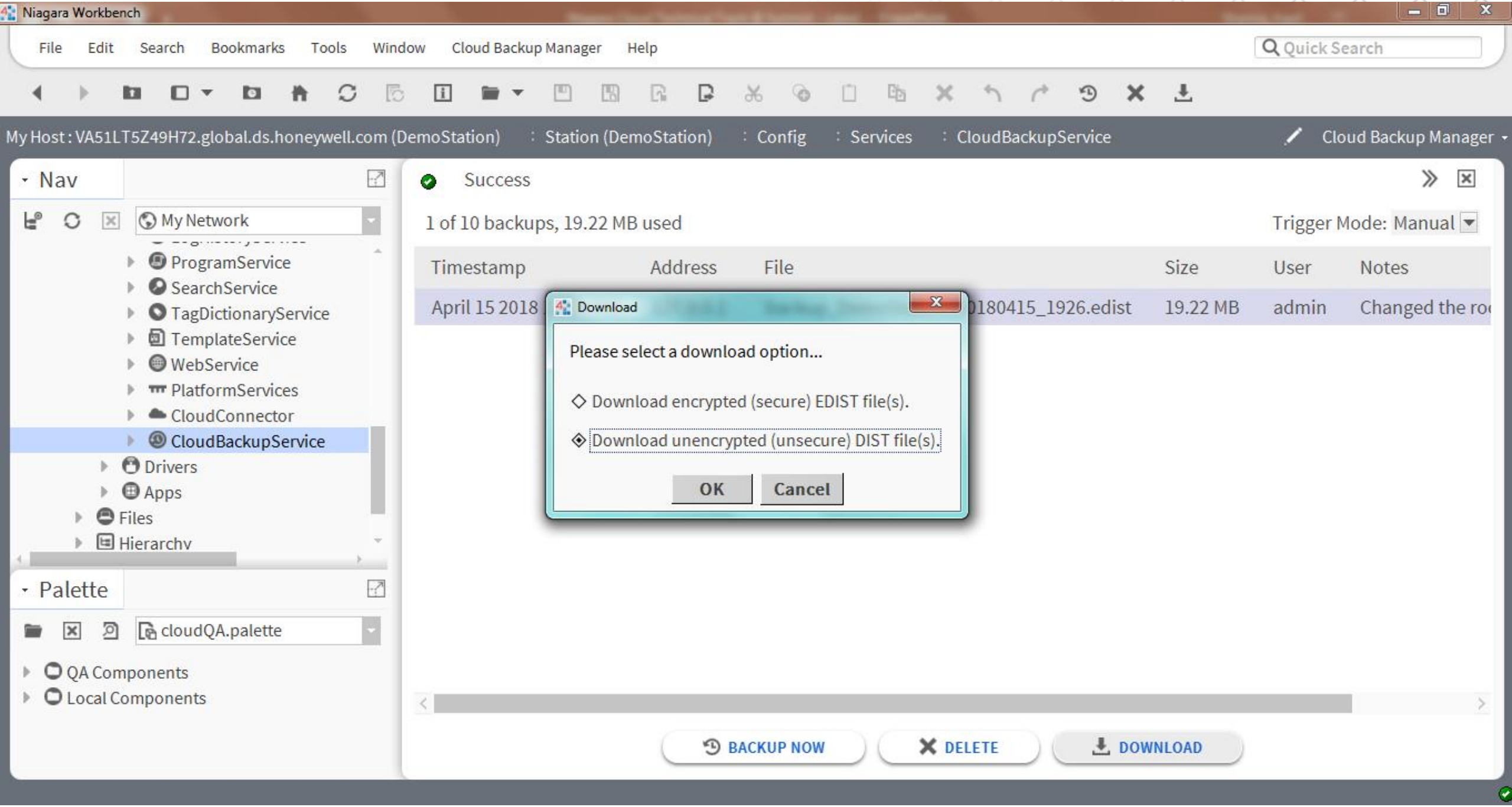
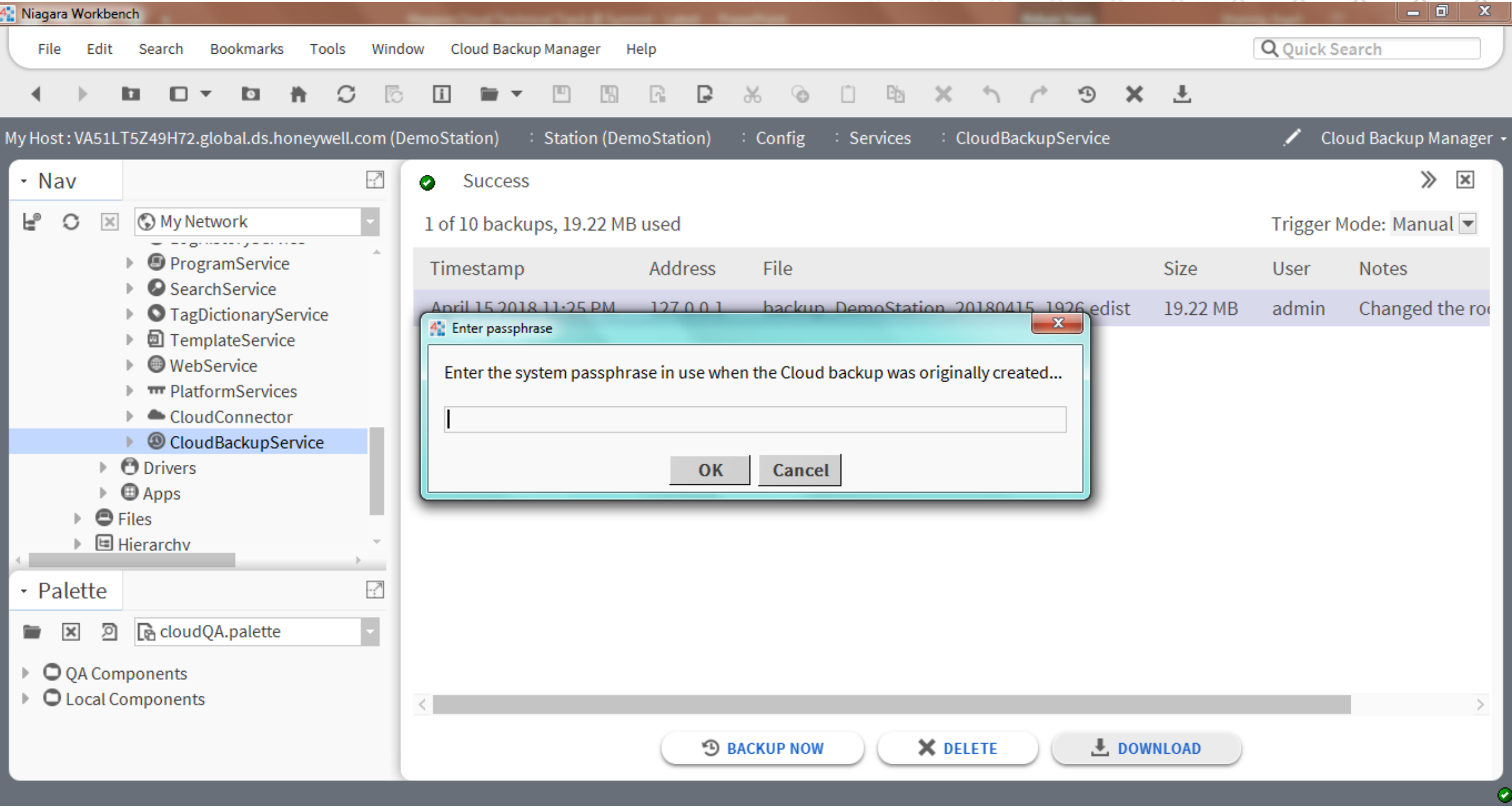
cloudQA.palette
QA Components
Local Components
Choose Backups Directory
File Spaces
My File System
My Modules
Bookmarks
ml
MSOCache
mysite
New folder
Niagara
Cloud_4.3.58.8
Downloaded Back
Niagara 4.1.27.16_
Niagara-4.3.57.3.1
Niagara-4.3.58.18
Niagara-4.3.58.6
Niagara-4.3.58.6.9
Niagara_4_Develo
Niagara_4_Installe
Niagara_MQTT_D
Choose
Cancel
1 of 10 ba
Trigger Mode: Manual
Timesta
Size
User
Notes
April 15
15_1926.edist
19.22 MB
admin
Changed the ro
BACKUP NOW
DELETE
DOWNLOAD


Niagara Workbench
File Edit Search Bookmarks Tools Window Cloud Backup Manager Help
Quick Search
My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation) : Station (DemoStation) : Config : Services : CloudBackupService
Cloud Backup Manager
Nav
My Network
ProgramService
SearchService
TagDictionaryService
TemplateService
WebService
PlatformServices
CloudConnector
CloudBackupService
Drivers
Apps
Files
Hierarchy
Palette
cloudQA.palette
QA Components
Local Components
Success
1 of 10 backups, 19.22 MB used
Trigger Mode: Manual
Timestamp
Address
File
Size
User
Notes
April 15 2018
0180415_1926.edist
19.22 MB
admin
Changed the ro
Download
Please select a download option...
Download encrypted (secure) EDIST file(s).
Download unencrypted (unsecure) DIST file(s).
OK
Cancel
BACKUP NOW
DELETE
DOWNLOAD


Niagara Workbench
File Edit Search Bookmarks Tools Window Cloud Backup Manager Help
Quick Search
My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation) : Station (DemoStation) : Config : Services : CloudBackupService
Cloud Backup Manager
Nav
My Network
ProgramService
SearchService
TagDictionaryService
TemplateService
WebService
PlatformServices
CloudConnector
CloudBackupService
Drivers
Apps
Files
Hierarchy
Palette
cloudQA.palette
QA Components
Local Components
Success
1 of 10 backups, 19.22 MB used
Trigger Mode: Manual
Timestamp
Address
File
Size
User
Notes
April 15 2018 11:25 PM
127.0.0.1
backup_DemoStation_20180415_1926.edist
19.22 MB
admin
Changed the ro
Enter passphrase
Enter the system passphrase in use when the Cloud backup was originally created...
OK
Cancel
BACKUP NOW
DELETE
DOWNLOAD

Niagara Workbench

File Edit Search Bookmarks Tools Window Cloud Backup Manager Help

Quick Search

My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation) : Station (DemoStation) : Config : Services : CloudBackupService : Cloud Backup Manager

Nav

My Network

- ProgramService
- SearchService
- TagDictionaryService
- TemplateService
- WebService
- PlatformServices
- CloudConnector
- CloudBackupService
- Drivers
- Apps
- Files
- Hierarchy

Palette

cloudQA.palette

- QA Components
- Local Components

Success

1 of 10 backups, 19.22 MB used

Trigger Mode: Manual

| Timestamp | Address | File | Size | User | Notes |
|---|---|---|---|---|---|
| April 15 2018 11:25 PM | 127.0.0.1 | backup_DemoStation_20180415_1926.edist | 19.22 MB | admin | Changed the ro |

Downloading backups...

Received 4064 KB of backup 1 (0 more pending)

Cancel

BACKUP NOW DELETE DOWNLOAD

Niagara Workbench

File Edit Search Bookmarks Tools Window Cloud Backup Manager Help

Quick Search

My Host : VA51LT5Z49H72.global.ds.honeywell.com (DemoStation) : Station (DemoStation) : Config : Services : CloudBackupService : Cloud Backup Manager

Nav

My Network

- ProgramService
- SearchService
- TagDictionaryService
- TemplateService
- WebService
- PlatformServices
- CloudConnector
- CloudBackupService
- Drivers
- Apps
- Files
- Hierarchy

Palette

cloudQA.palette

- QA Components
- Local Components

Success

1 of 10 backups, 19.22 MB used

Trigger Mode: Manual

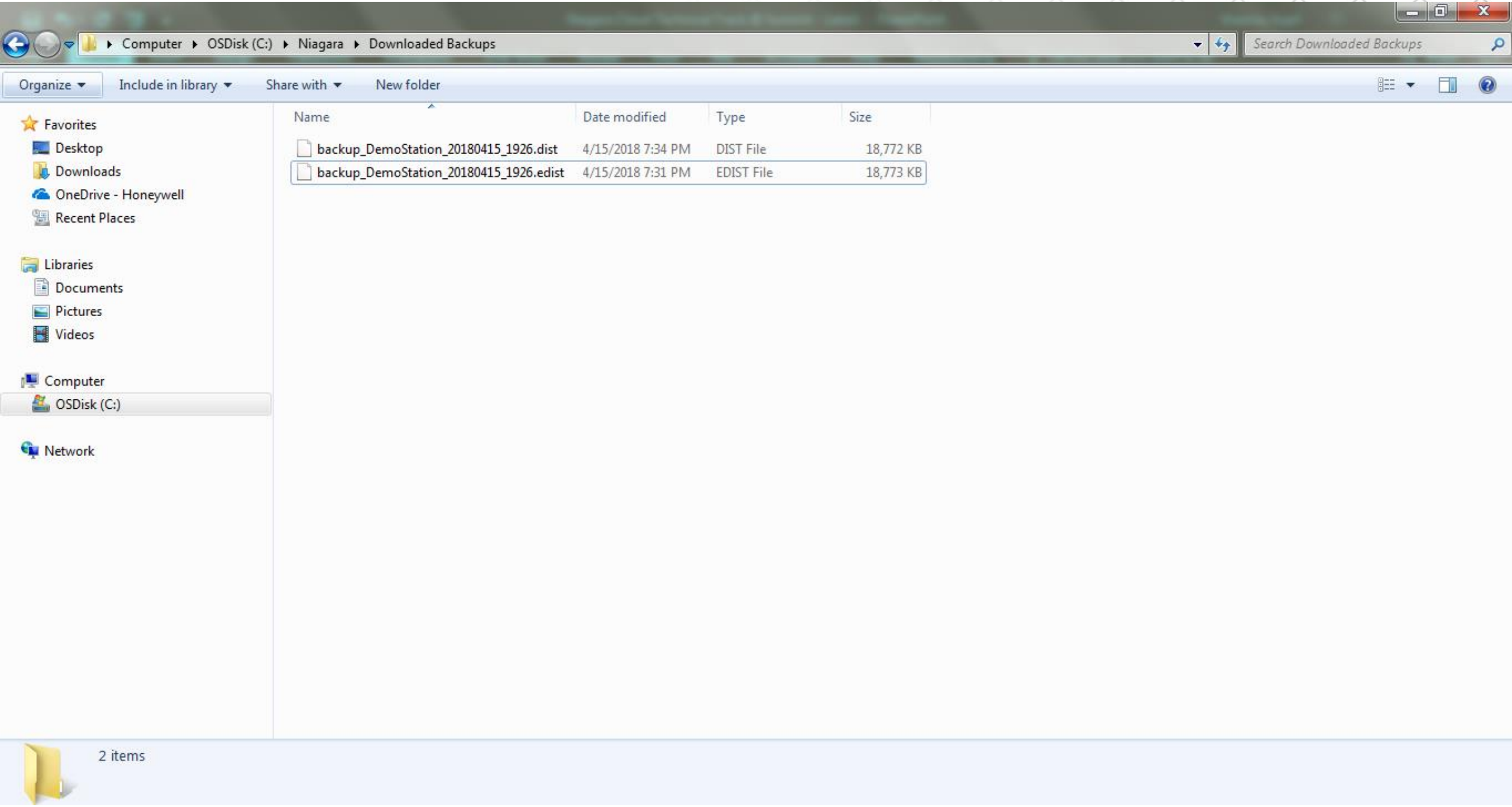
| Timestamp | Address | File | Size | User | Notes |
|---|---|---|---|---|---|
| April 15 2018 11:25 PM | 127.0.0.1 | backup_DemoStation_20180415_1926.edist | 19.22 MB | admin | Changed the ro |

Success

Successfully downloaded 1 backup(s)

OK

BACKUP NOW DELETE DOWNLOAD


Computer ▸ OSDisk (C:) ▸ Niagara ▸ Downloaded Backups
Search Downloaded Backups
Organize
Include in library
Share with
New folder
Favorites
Desktop
Downloads
OneDrive - Honeywell
Recent Places
Libraries
Documents
Pictures
Videos
Computer
OSDisk (C:)
Network
Name
Date modified
Type
Size
backup_DemoStation_20180415_1926.dist
4/15/2018 7:34 PM
DIST File
18,772 KB
backup_DemoStation_20180415_1926.edist
4/15/2018 7:31 PM
EDIST File
18,773 KB
2 items

Secure | https://transform-niagara.cs87.force.com/ncplus/s/asset-home

Apps | Honeywell | Weather | HON IT Support | Community | Product Managemen | (1) General (Tridium | Tridium Cloud | Learn!!



# All Devices

Add a New Device ›

Filters: Expiring Any time | KapilDemo | All Owners | All Licensed Versions

| HOST ID | MAINTENANCE EXPIRATION | PROJECT | OWNER | LICENSED VERSION |
|---|---|---|---|---|
| Tst-358B-E45D-E20C-8FC7 | 05/12/2020 | KapilDemo | Tridium USA | 3.7 |
| Tst-FA13-2335-CA79-67AF | 05/12/2020 | KapilDemo | Tridium USA | 3.7 |
| Tst-19C7-4DFE-80E0-D43D | 05/12/2020 | KapilDemo | ACME Corp | 3.7 |
| Tst-EE0C-79CB-8326-551E | 05/12/2020 | KapilDemo | | 3.7 |
| Tst-431A-7E5B-DF8F-808D | 05/12/2020 | KapilDemo | | 3.7 |
| Tst-682A-1F91-23C1-D60E | 05/12/2020 | KapilDemo | | 3.7 |
| Tst-1B55-E5FC-543E-A8F2 | 05/12/2020 | KapilDemo | | 3.7 |
| Tst-E468-A187-5961-F4FC | 05/12/2020 | KapilDemo | | 3.7 |
| Tst-A8A5-7BD5-E077-2F70 | 05/12/2020 | KapilDemo | | 3.7 |
| Tst-8A84-80D3-D9A9-4DAF | 05/12/2020 | KapilDemo | ACME Corp | 3.7 |

Actions 1 Display: 10 per page

Secure | https://transform-niagara.cs87.force.com/ncplus/s/asset?Id=02i8E000009tLuUQAU

Apps Honeywell Weather HON IT Support Community Product Managemen (1) General (Tridium Tridium Cloud Learn!!



Back to List

Asset Details

Edit

**Host ID**
Tst-358B-E45D-E20C-8FC7

**Owner**
Tridium USA

**Service Provider**
Tridium USA

**Brand**

**Model**

**Project**
KapilDemo

**Address**
601 Loyola Ave
New Orleans
USA
70113

**Software Maintenance Agreement Expiration**
05/12/2020

**Licensed Software Version**
3.7

**Installed Software Version**
4.3.58.18

**Notes**
JACE managing Hyatt Regency, Floor 3.

**Latest Backup**
View All Backups

**System Guid**
7af8c5b0-c706-419e-aa64-6cda4f2e02e5

**Software Options**

Secure | https://qa-devdet.cloud.tridium.com/systems/7af8c5b0-c706-419e-aa64-6cda4f2e02e5?id=02i8E000009tLuUQAU

Apps Honeywell Weather HON IT Support Community Product Managemen (1) General (Tridium Tridium Cloud Learn!!



Back to list

Asset Details

Backups

## Backups for 7af8c5b0-c706-419e-aa64-6cda4f2e02e5

| | TIMESTAMP | SIZE | RETAIN | BACKUP NOTES | INITIATED BY |
|---|---|---|---|---|---|
| ☐ | Apr 15, 2018 7:25 PM EDT | 19.22 MB | | Changed the room temp to 72. | admin |

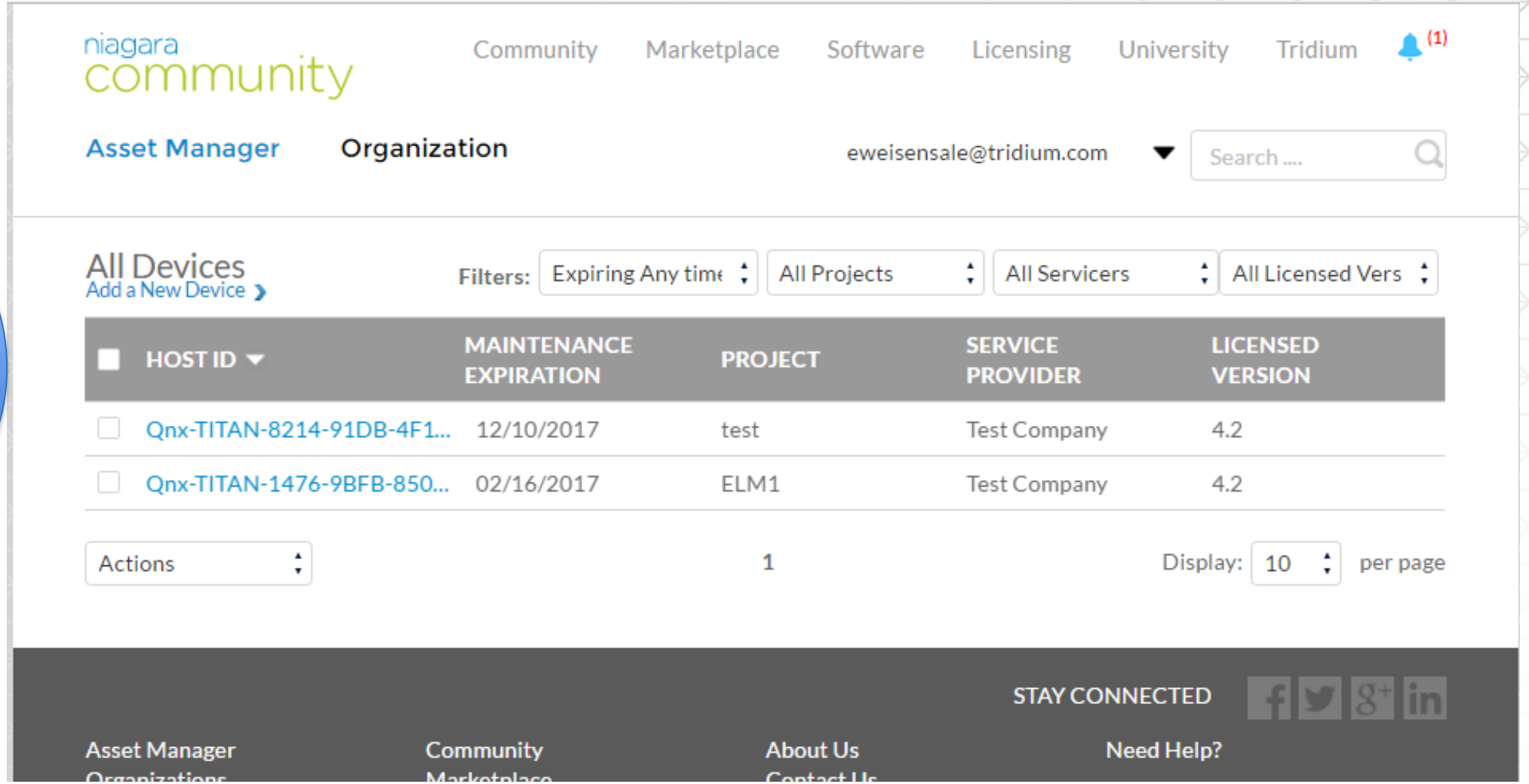
1 backup out of 10 allowed, 19.22 MB used

Delete

# Asset Manager Demo

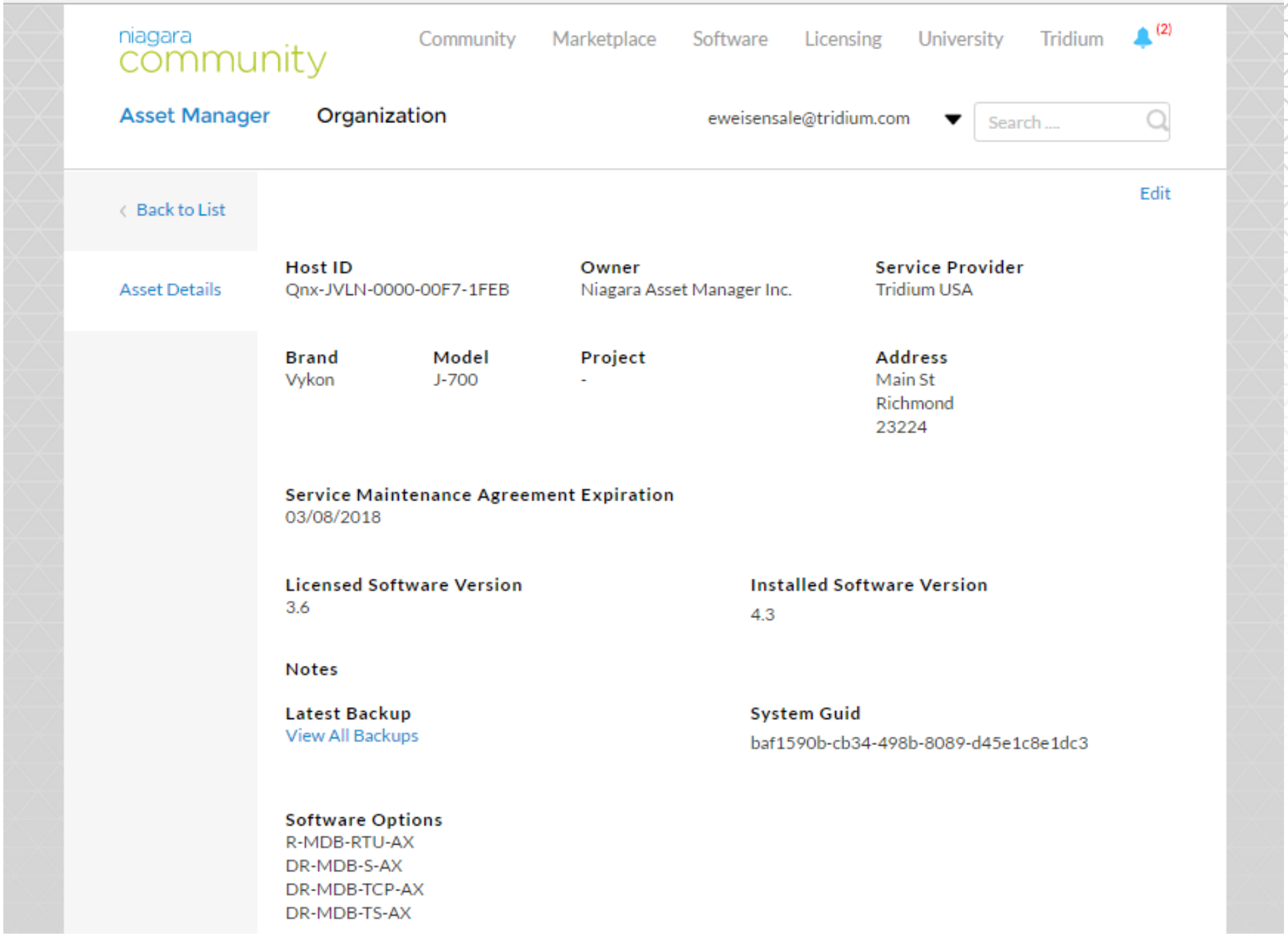
TRIDIUM

Asset Manager Home Screen

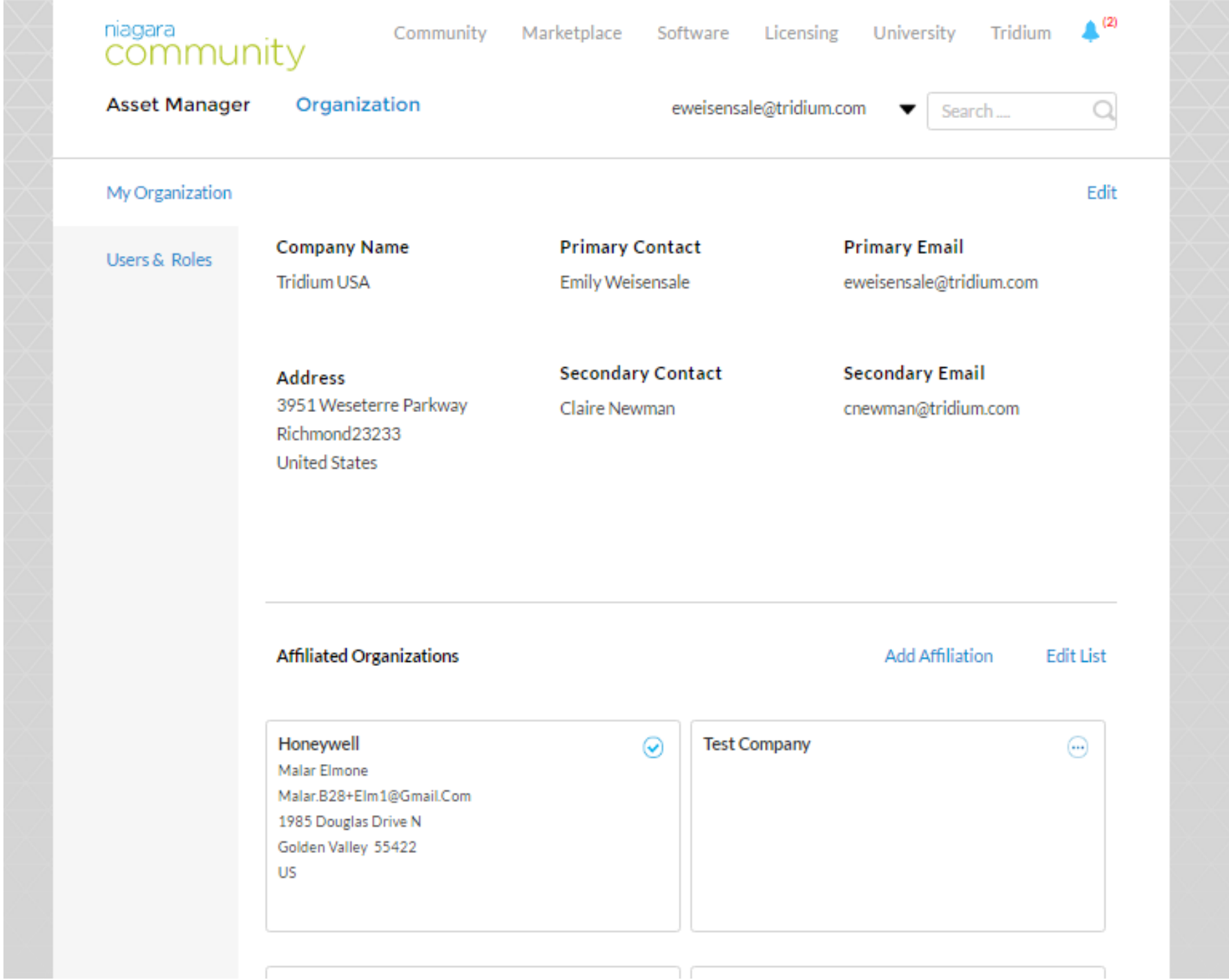



TRIDIUM

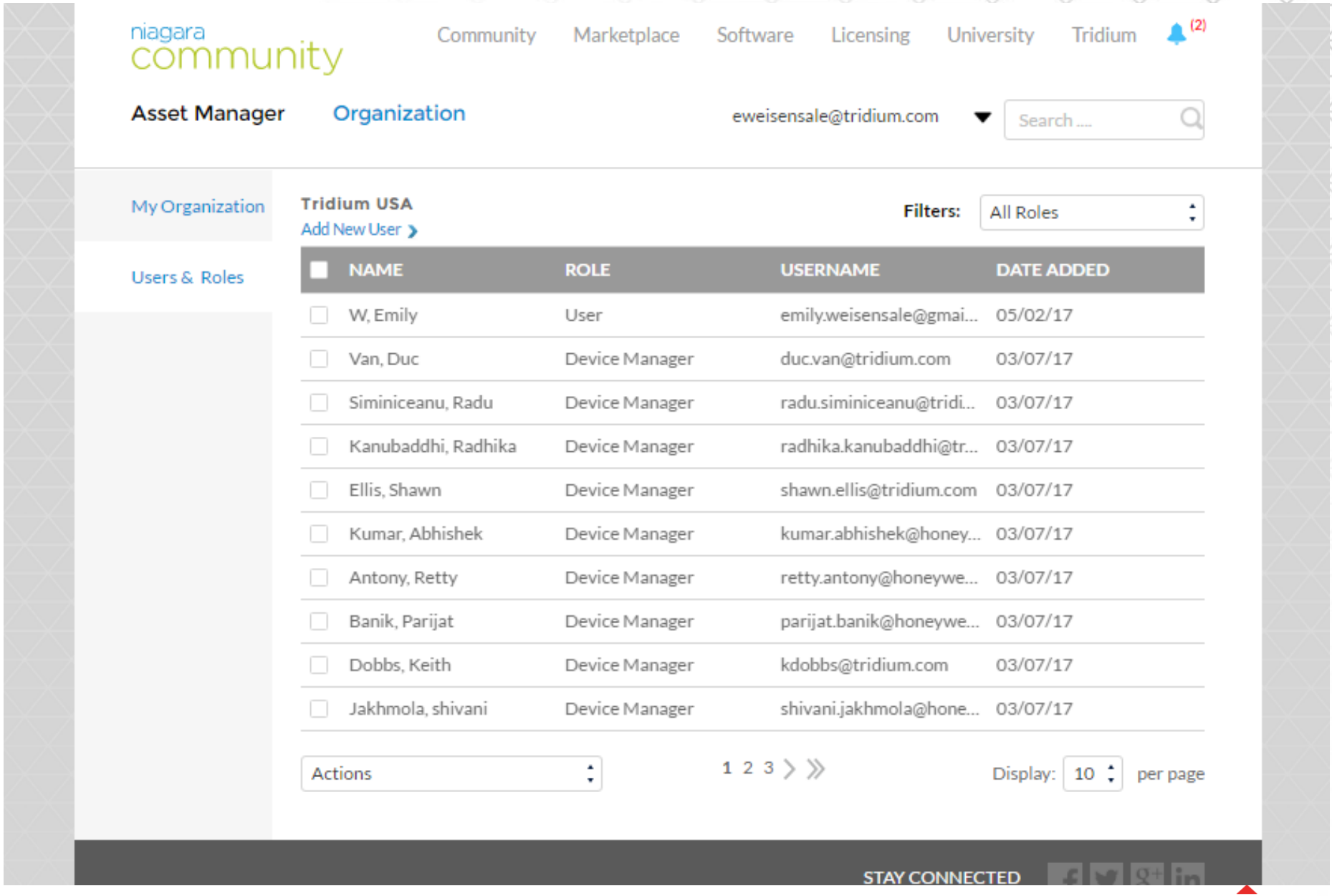
Asset Details



Organization Page

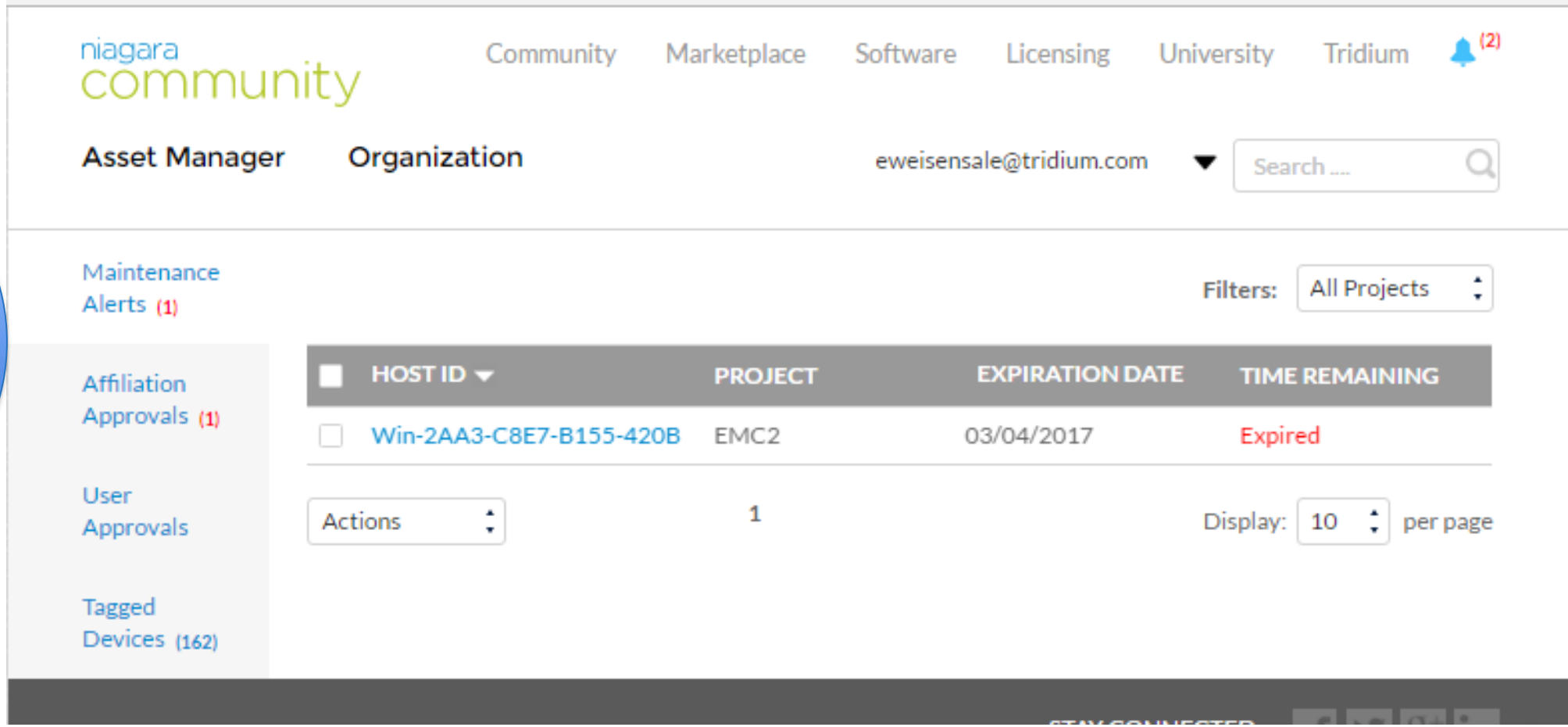


# Organization Users and Roles



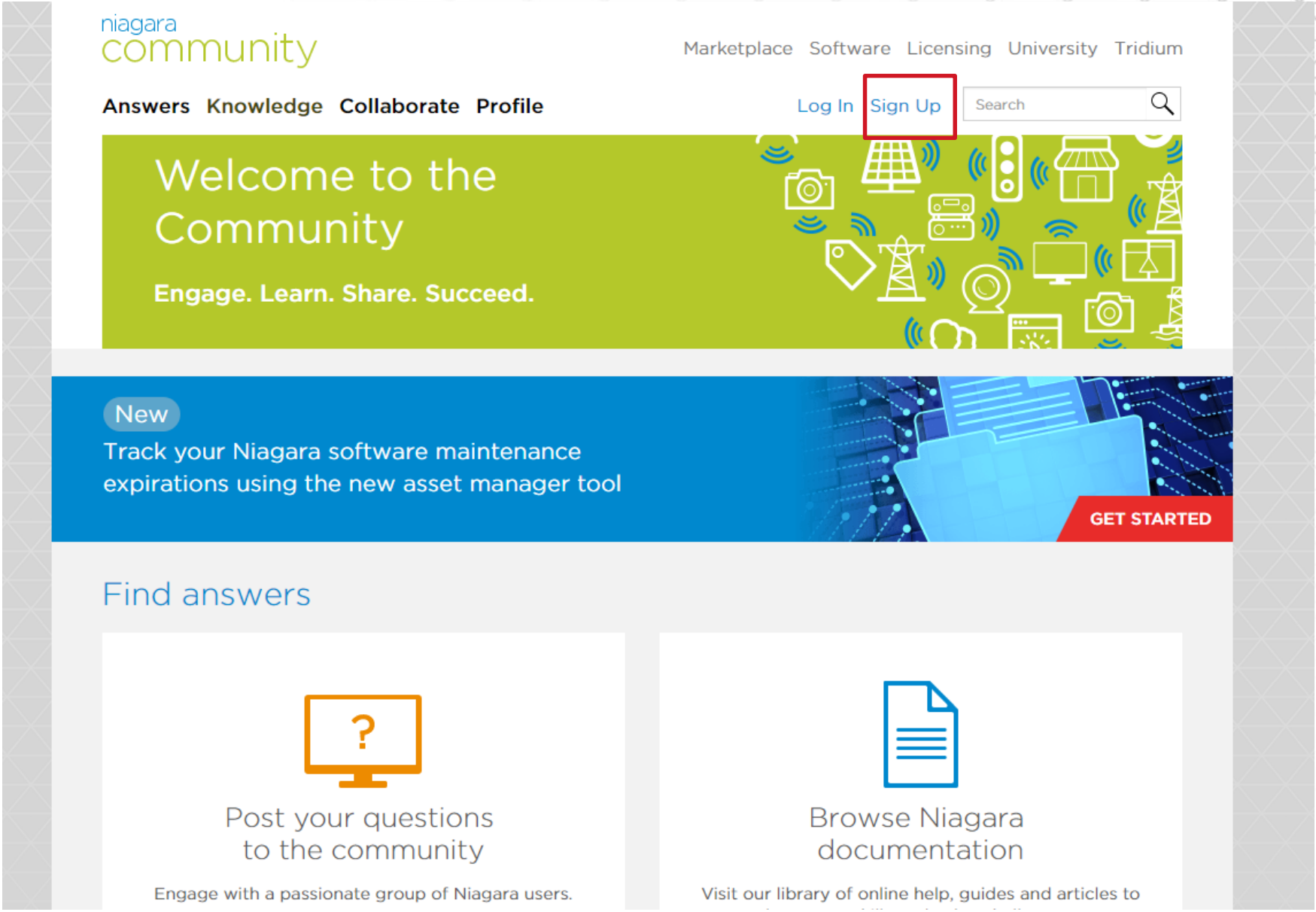

TRIDIUM

Notifications



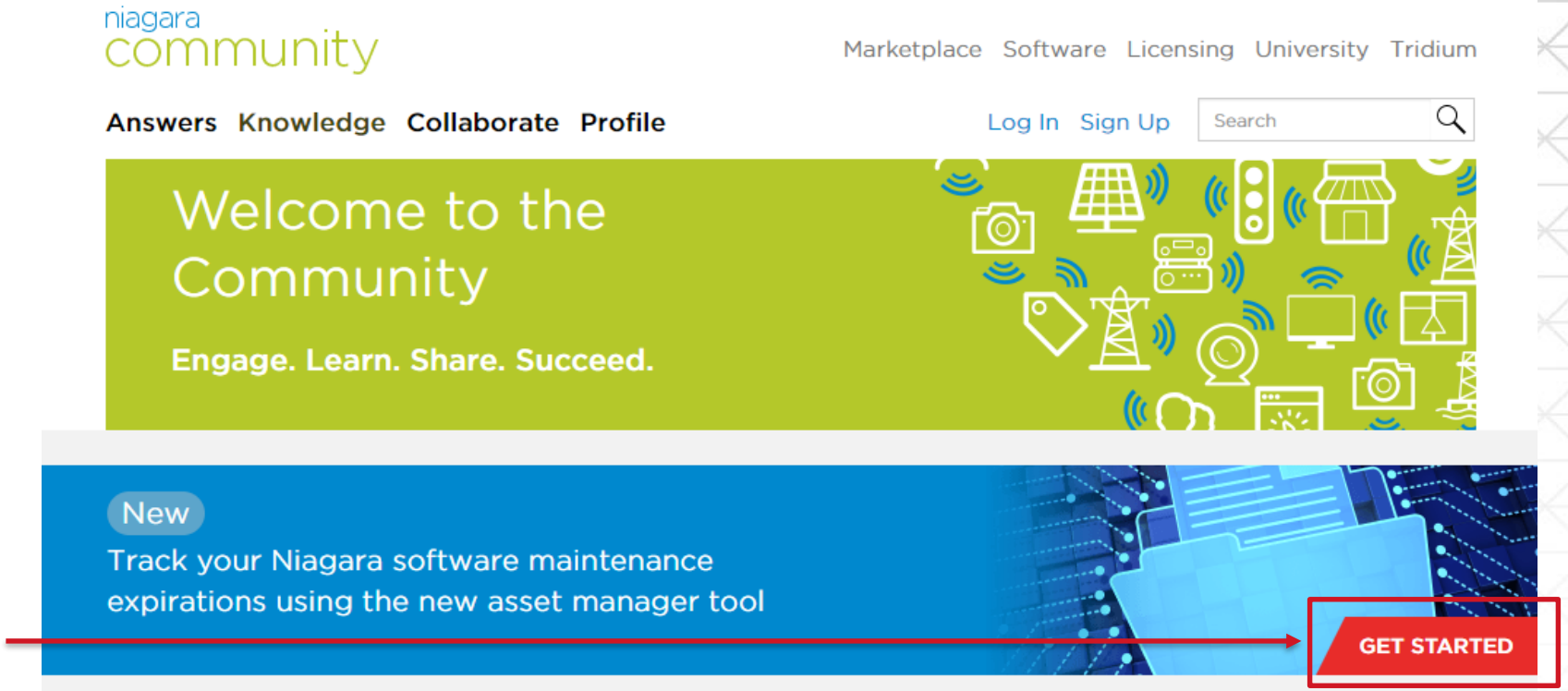

TRIDIUM

Organization Registration



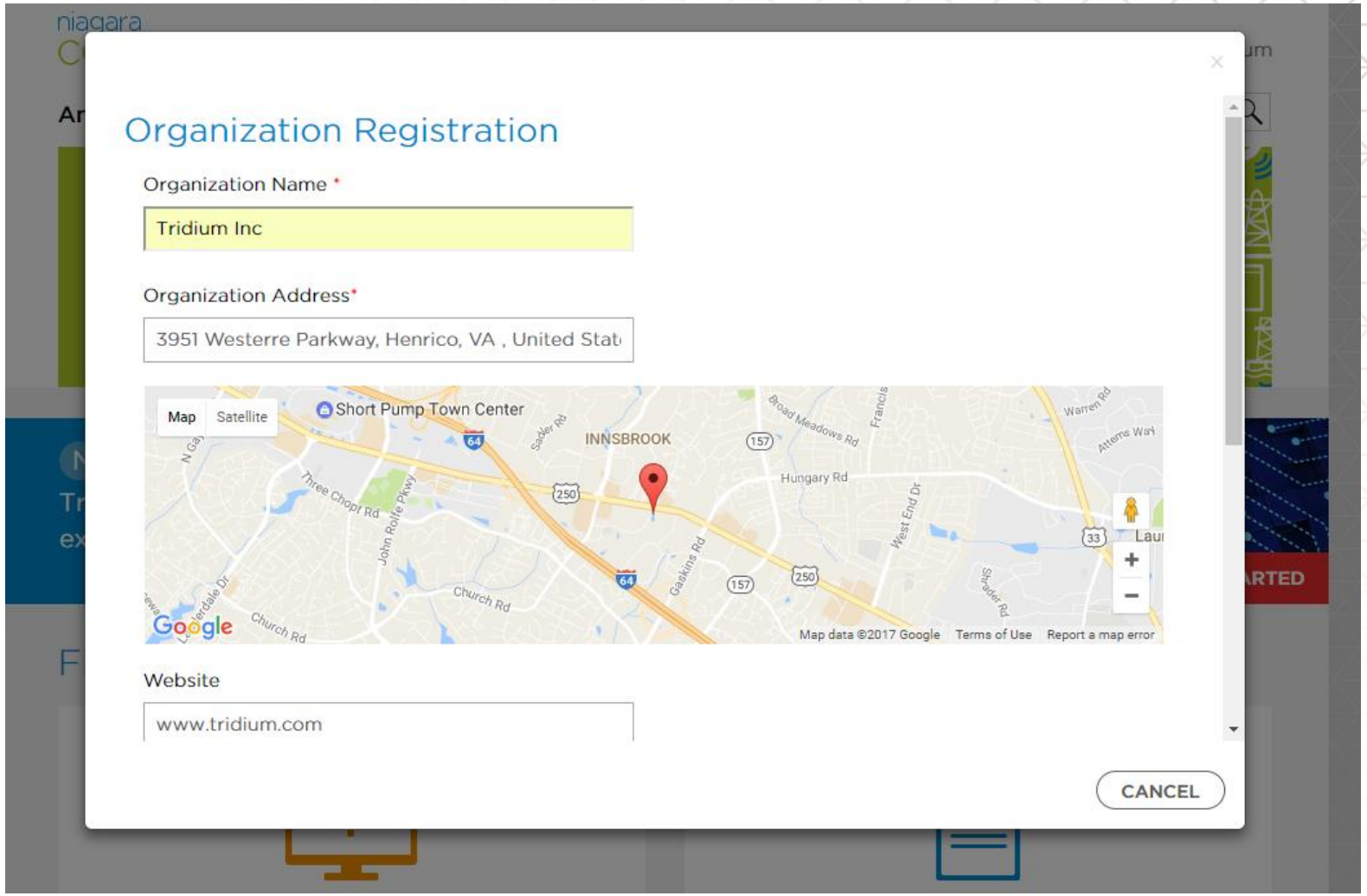

TRIDIUM

Organization Registration

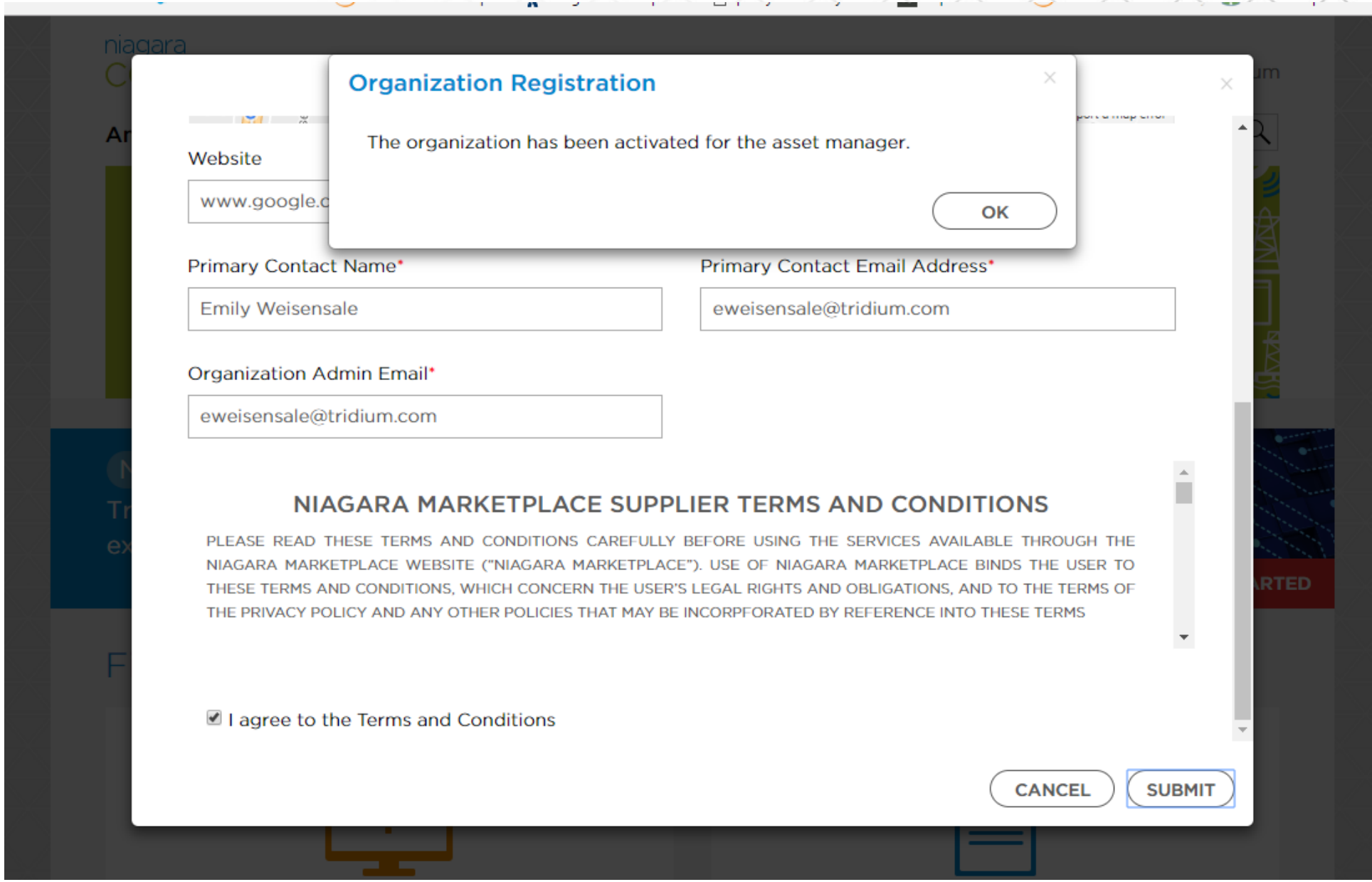



TRIDIUM

# Organization Registration

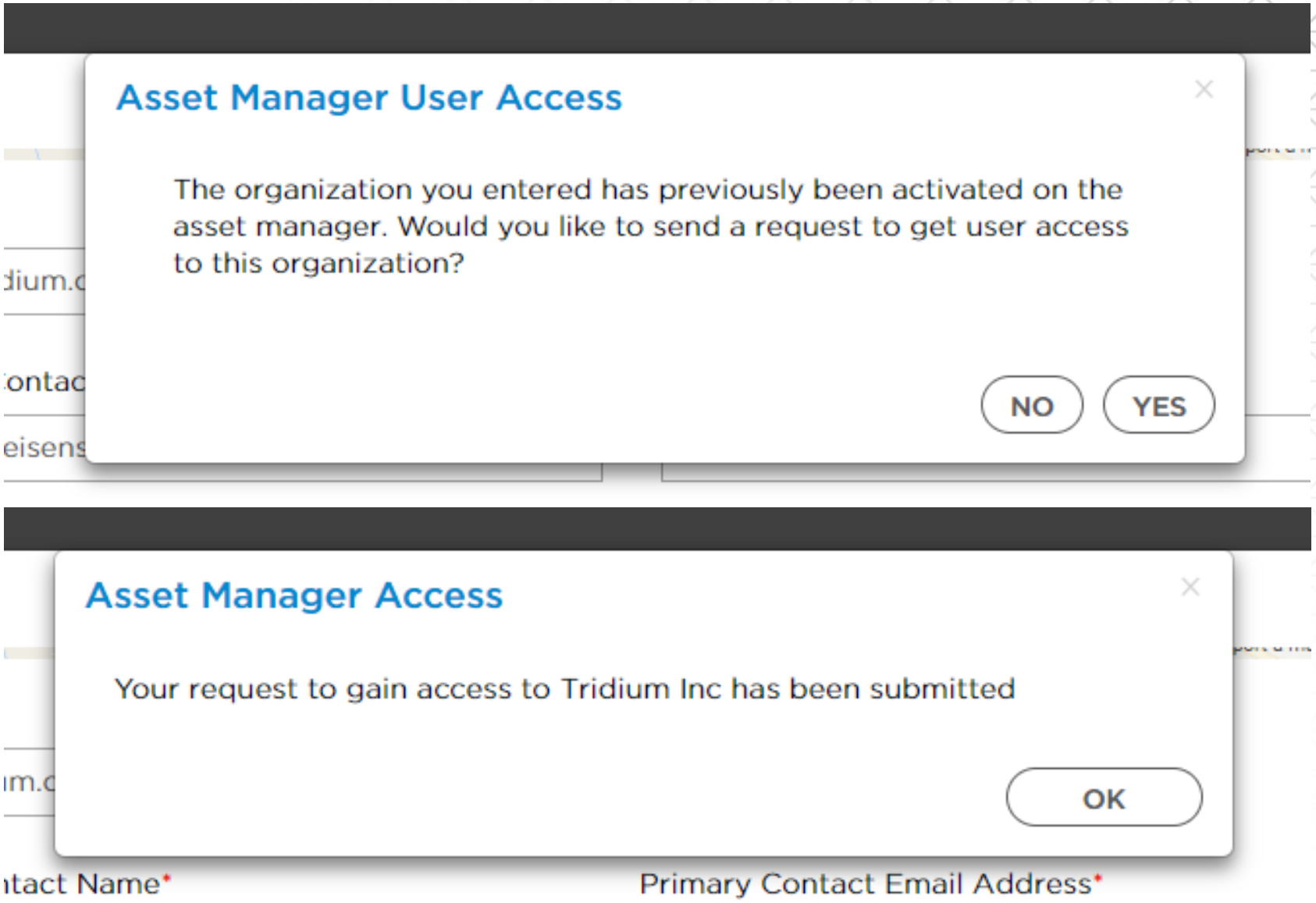


Organization Registration



# Organization Registration

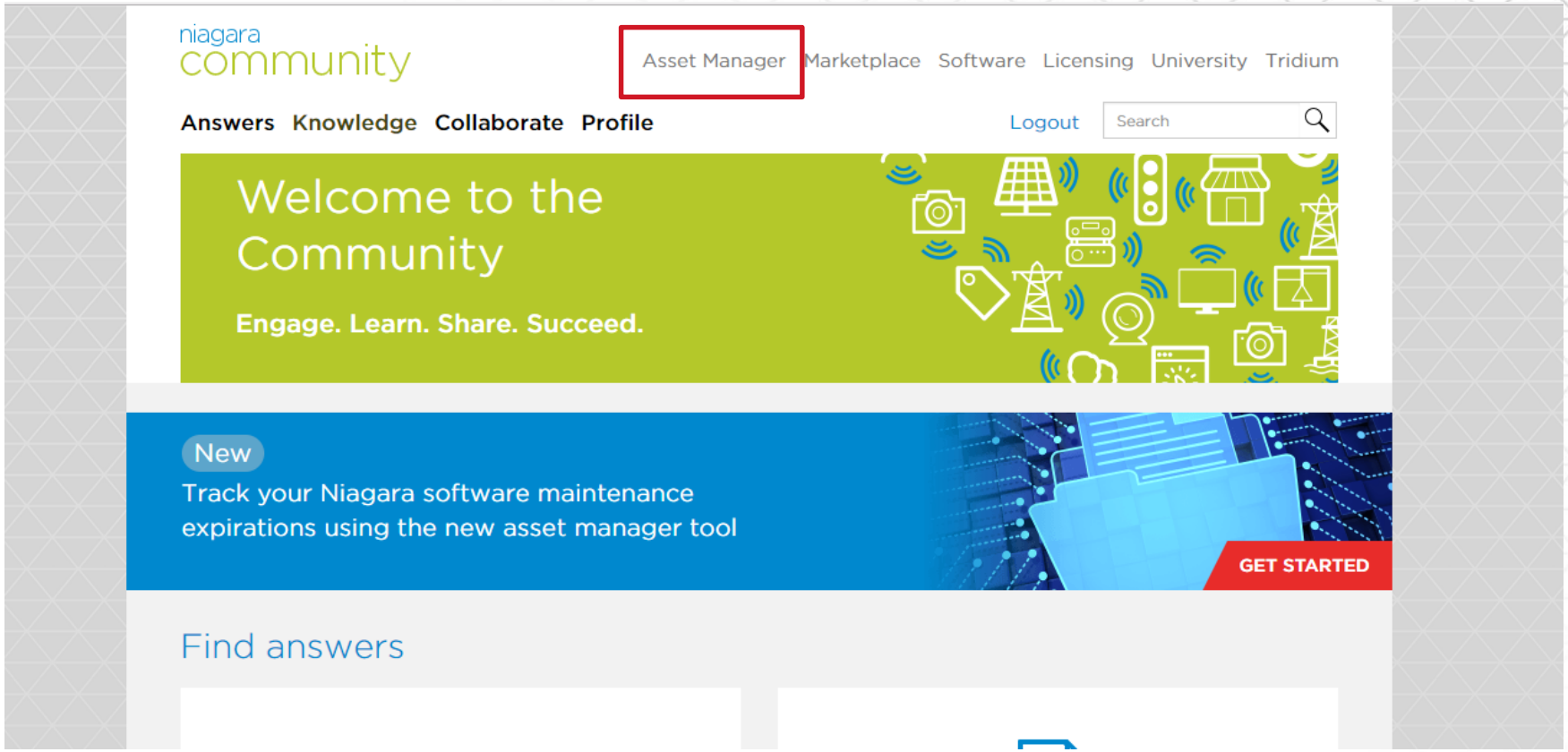
Org already exists




TRIDIUM

# Asset Manager Link

For customers with registered orgs

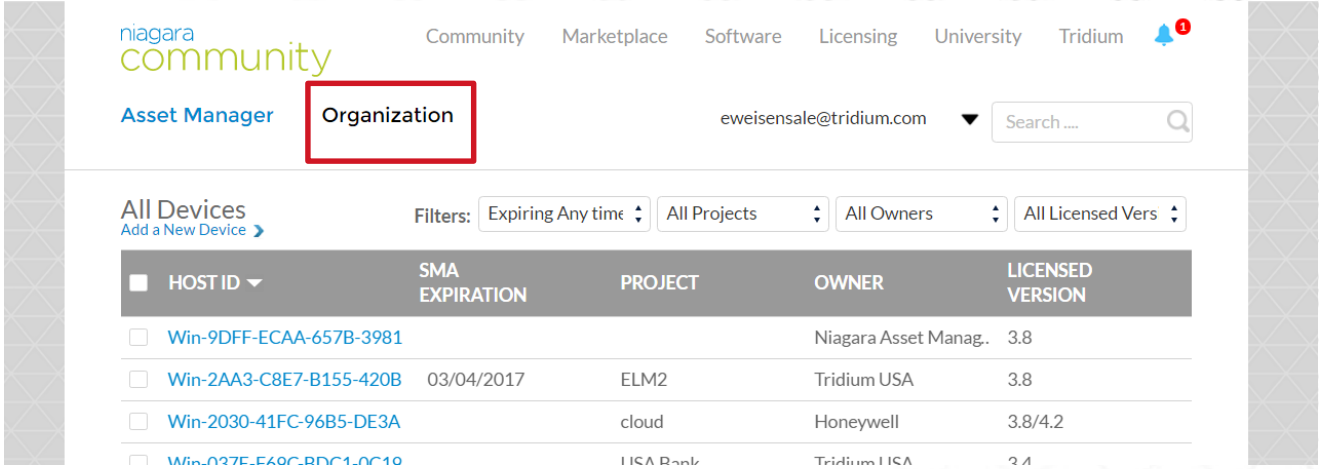


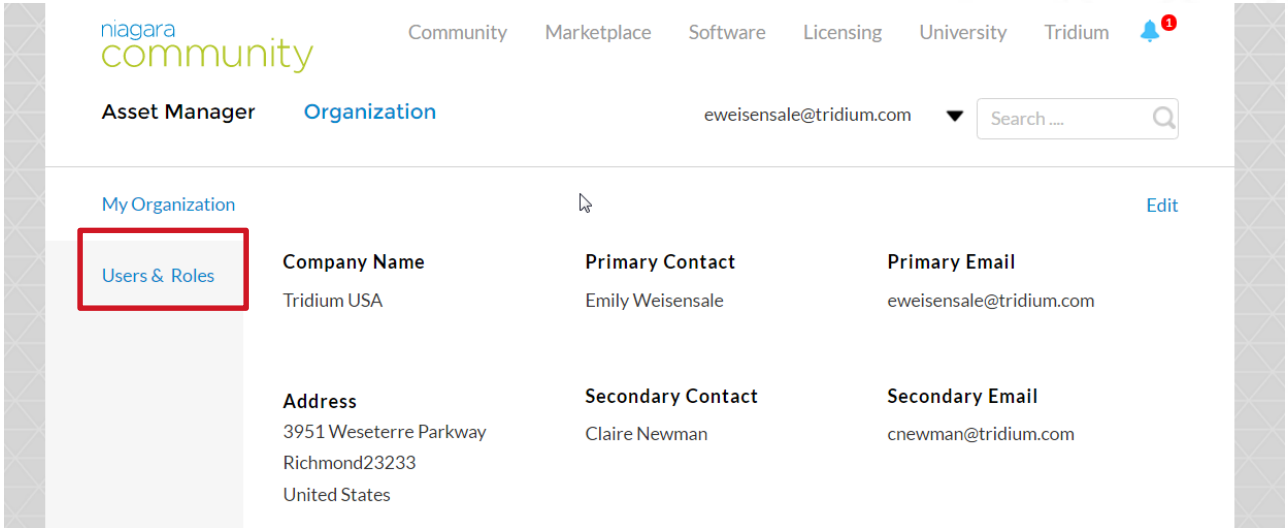

TRIDIUM

# Adding Additional Users

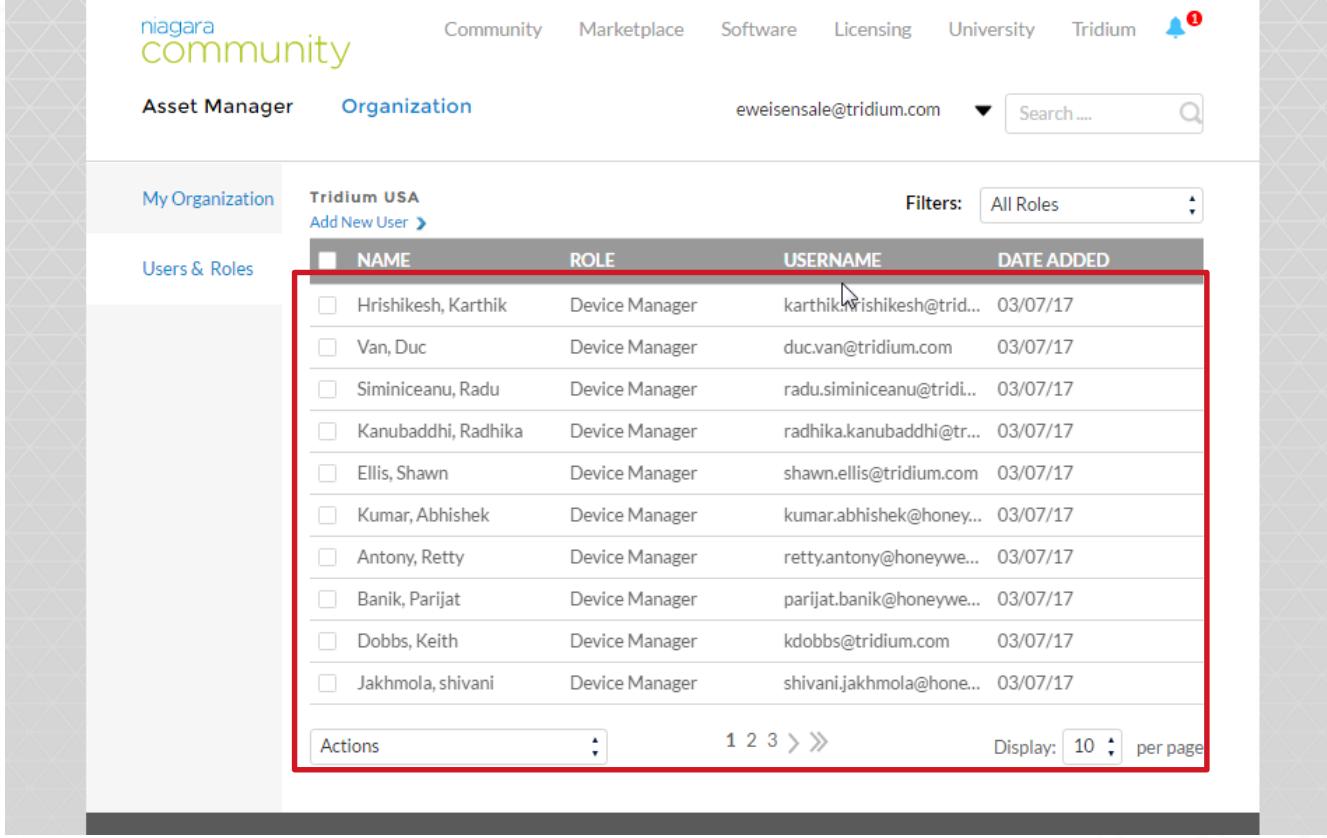
Step 1: Navigate to the Organization tab of the asset manager portal.

Step 2: Select the Users & Roles tab located on the left sidebar.



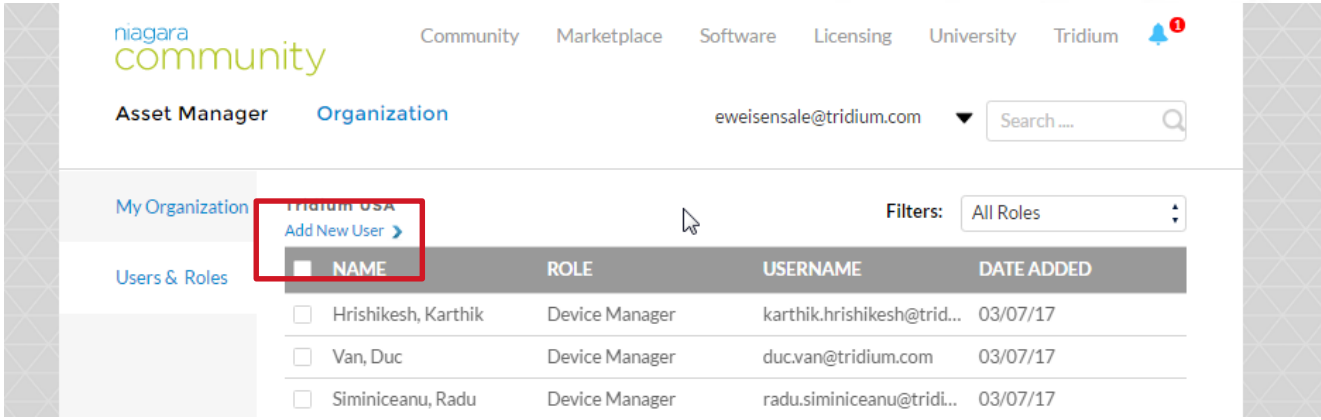



# Adding Additional Users



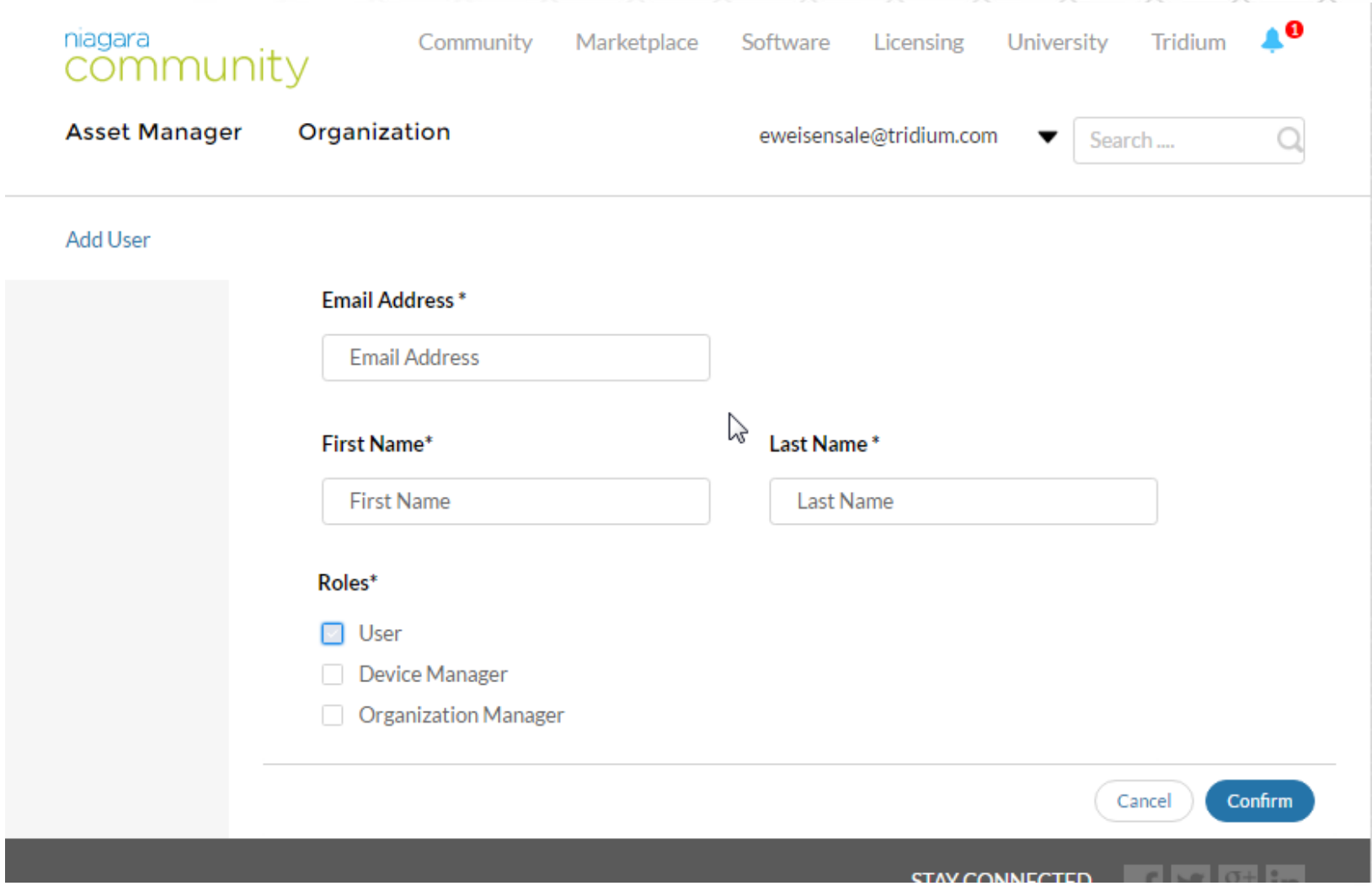

Now you can view all users and their currently applied roles.

Step 3: To add an additional user to the organization, click on Add New User located below the organization name



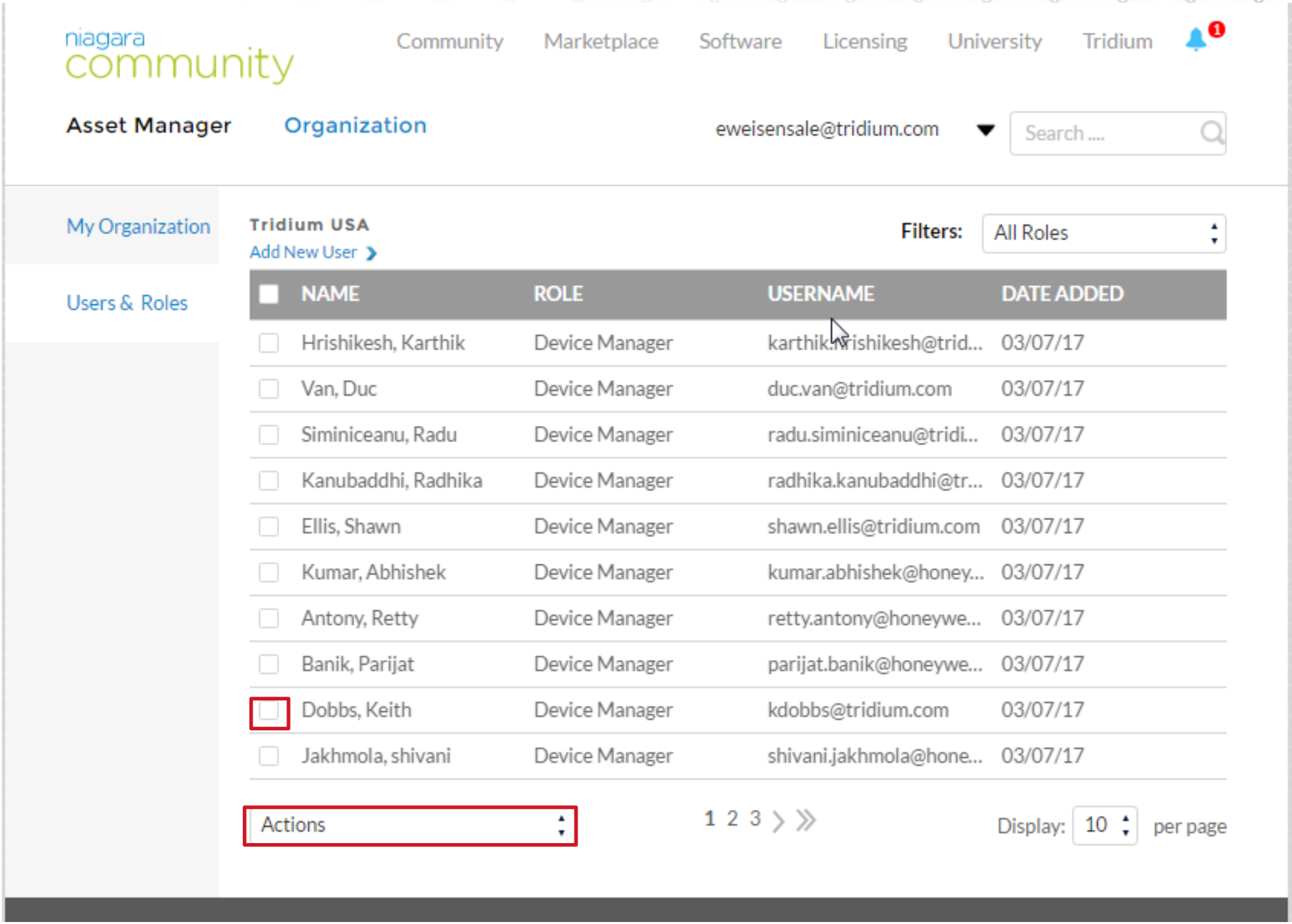

TRIDIUM

# Adding Additional Users

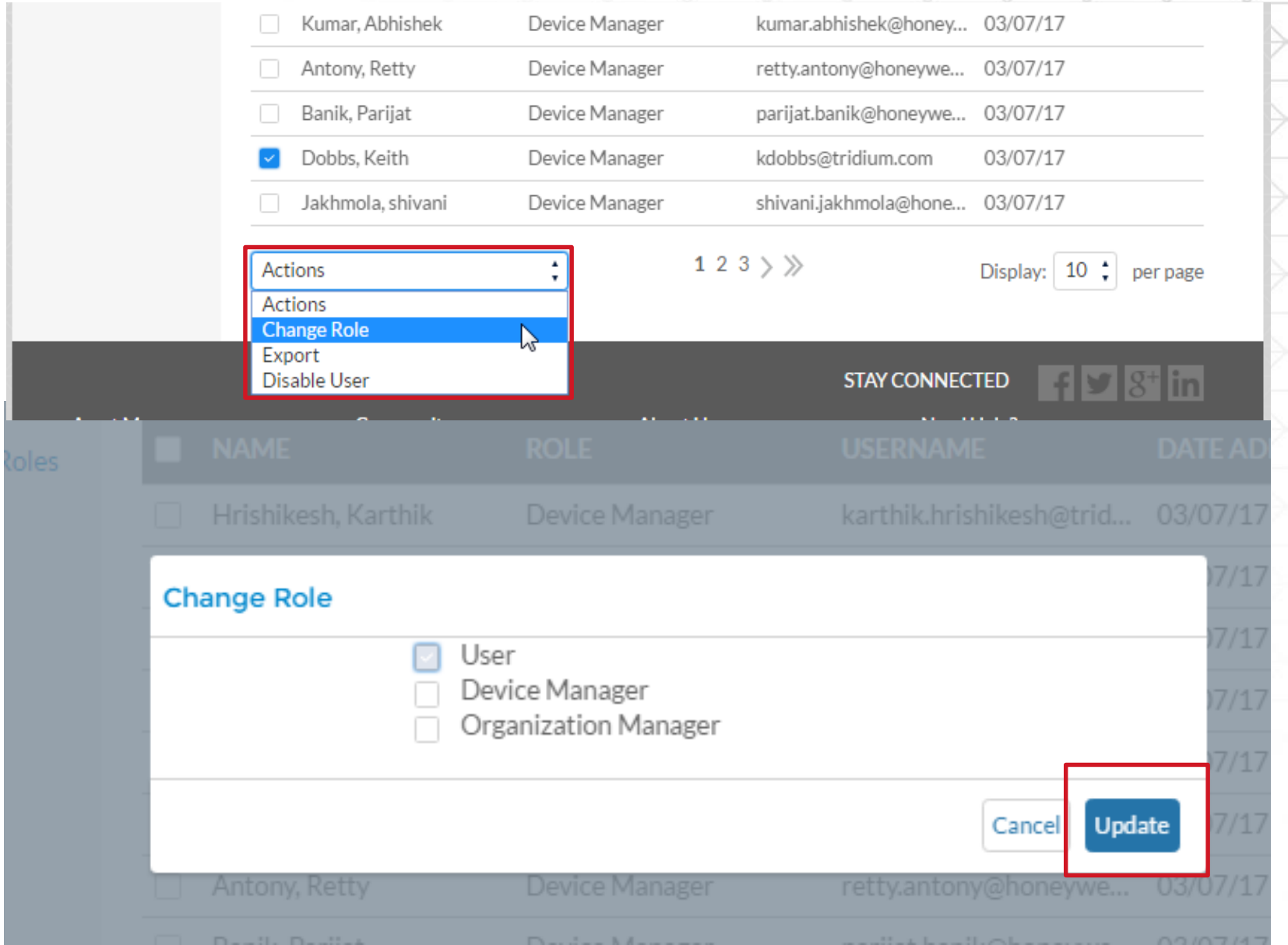



TRIDIUM

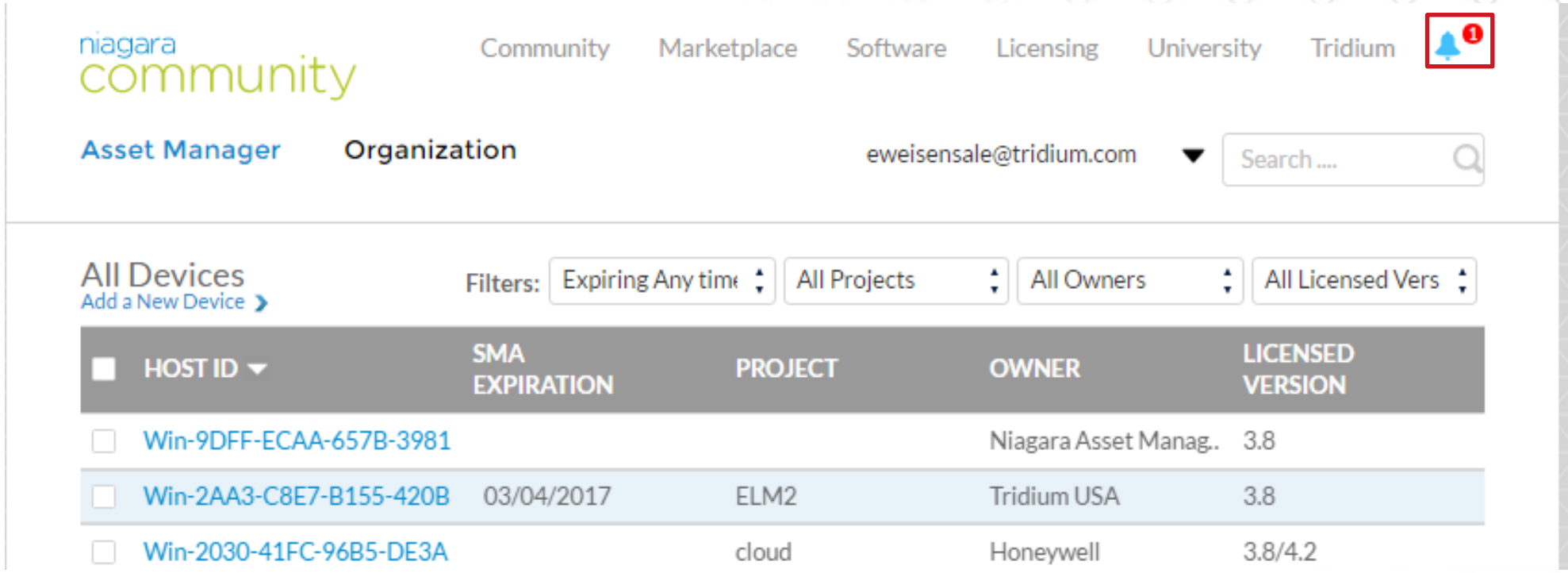
# Changing User Permissions



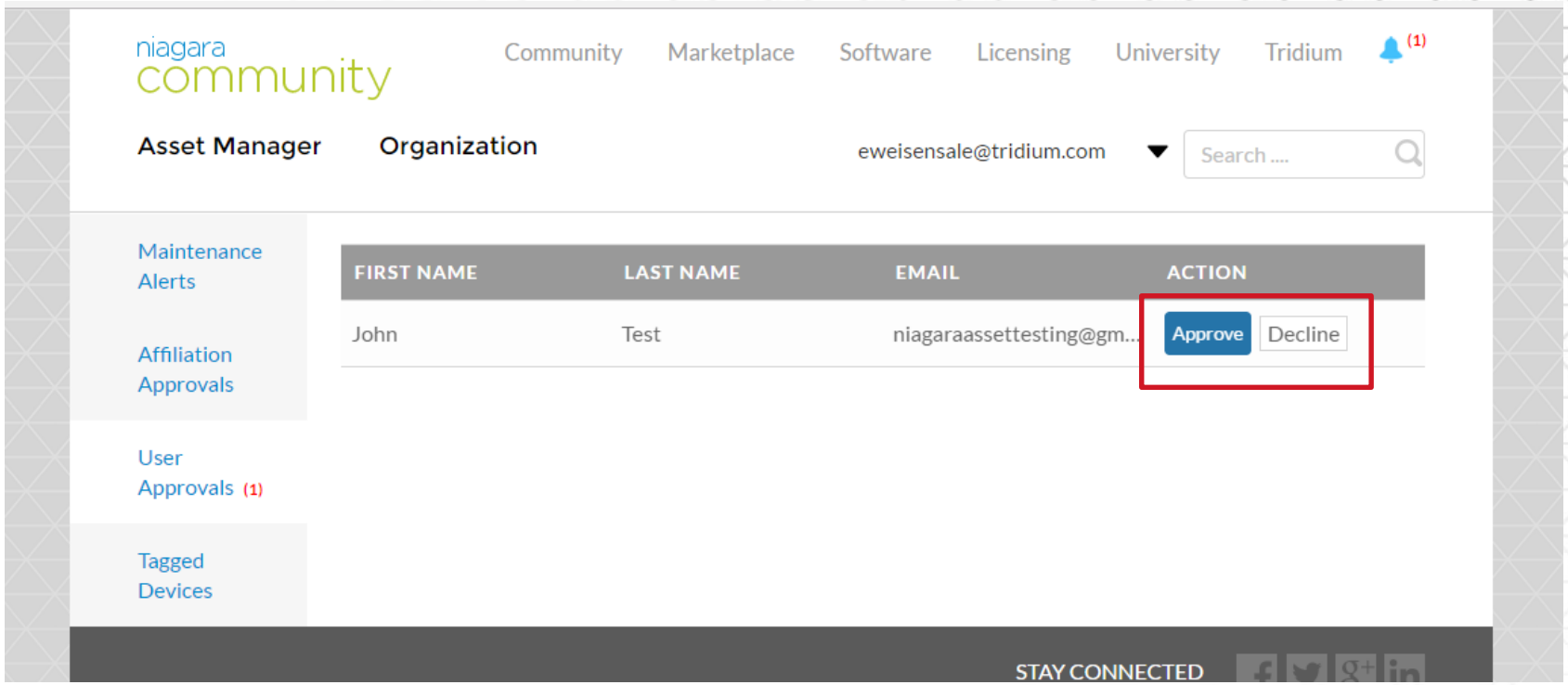
# Changing User Permissions

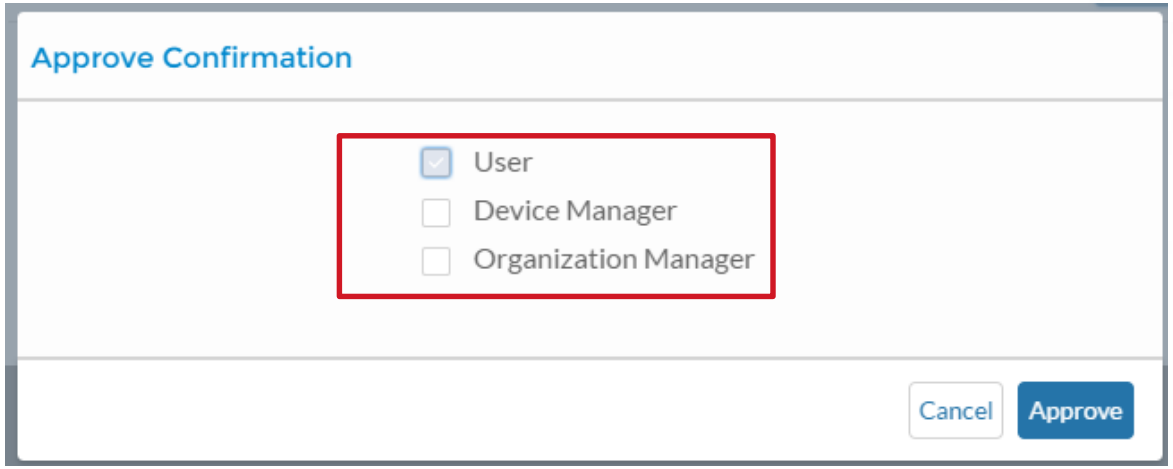


# Approving User Requests



# Approving User Requests



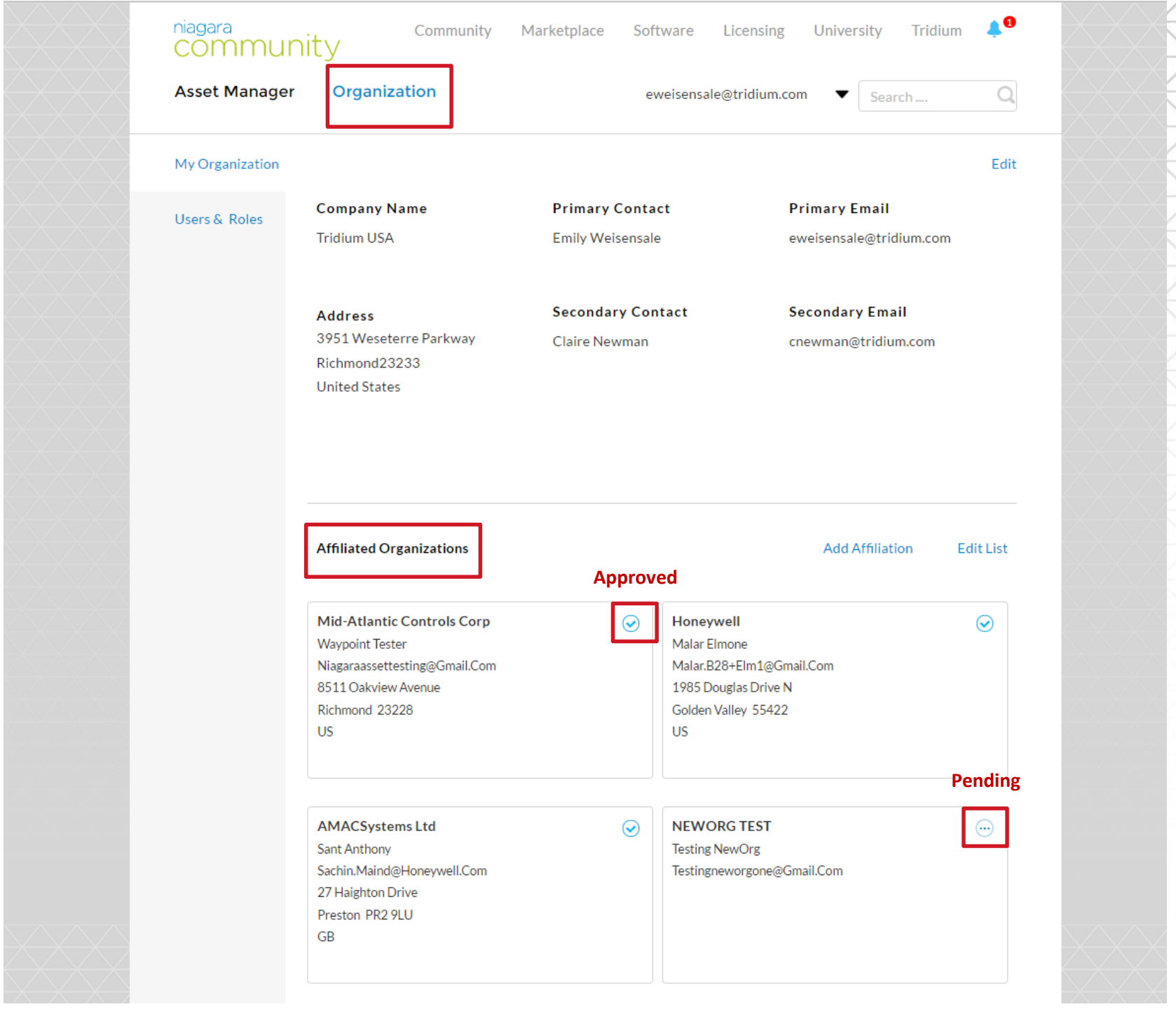

TRIDIUM

# Affiliations

- Links between organizations where both approve that the two conduct Niagara business and services with one another
- Organization affiliations are used in the approval workflows for license registration.
- In order for an organization to tag another organization as either a Service Provider or Owner of a Niagara device, there must be an organization affiliation either in a pending or active state

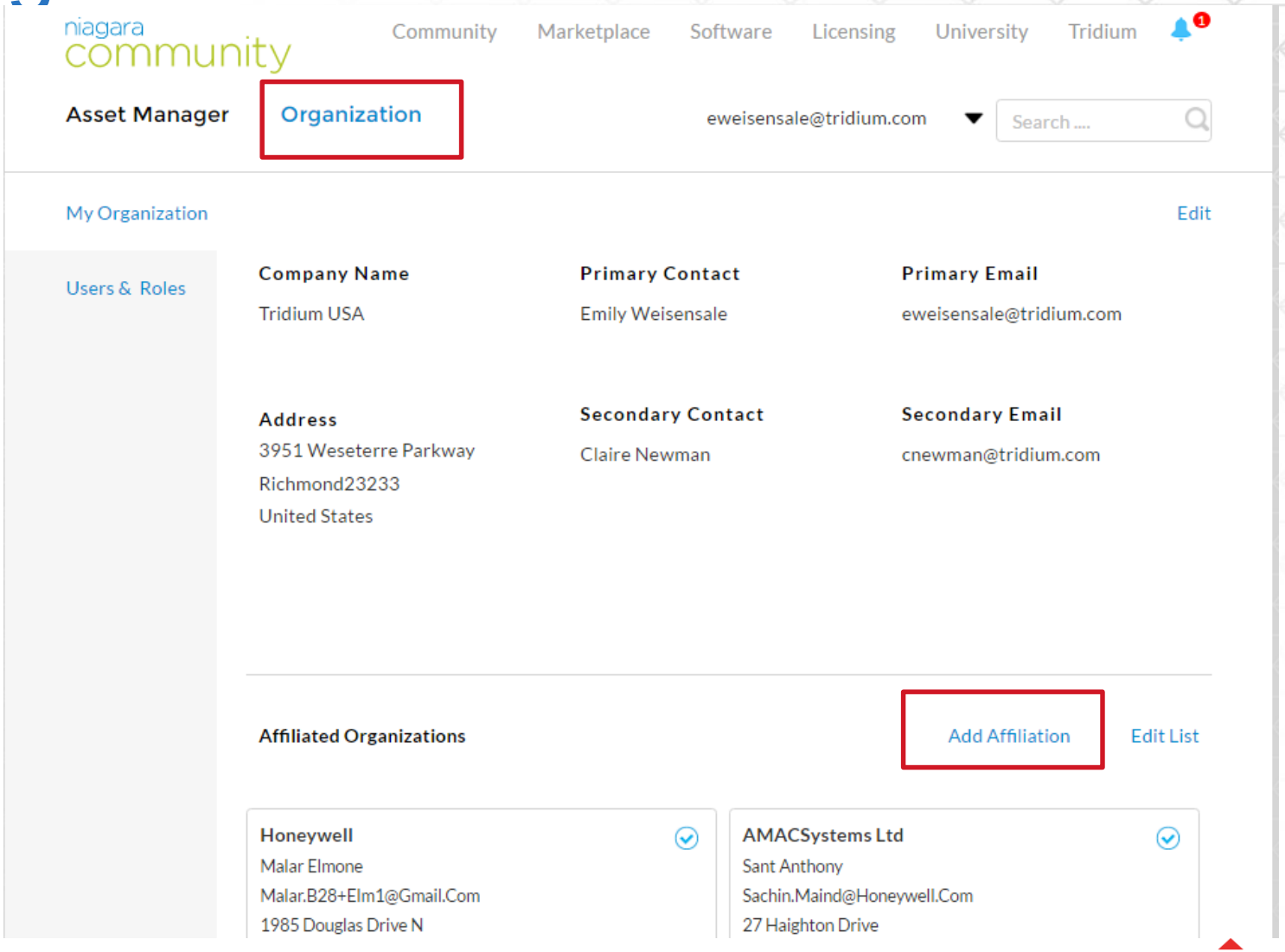
TRIDIUM

# Current Organization Affiliations



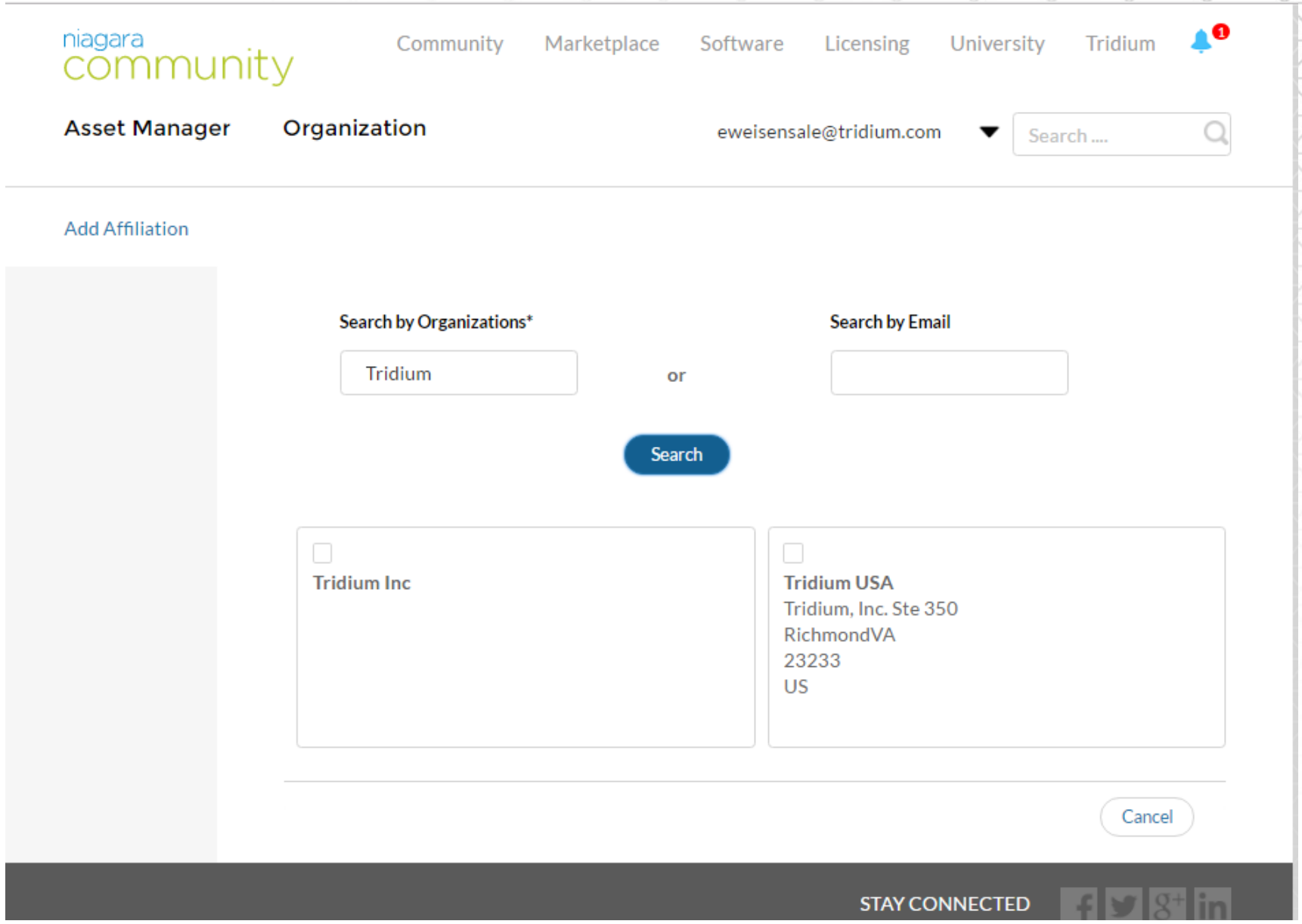
# Request a new organization affiliation

Request New Organization Affiliations



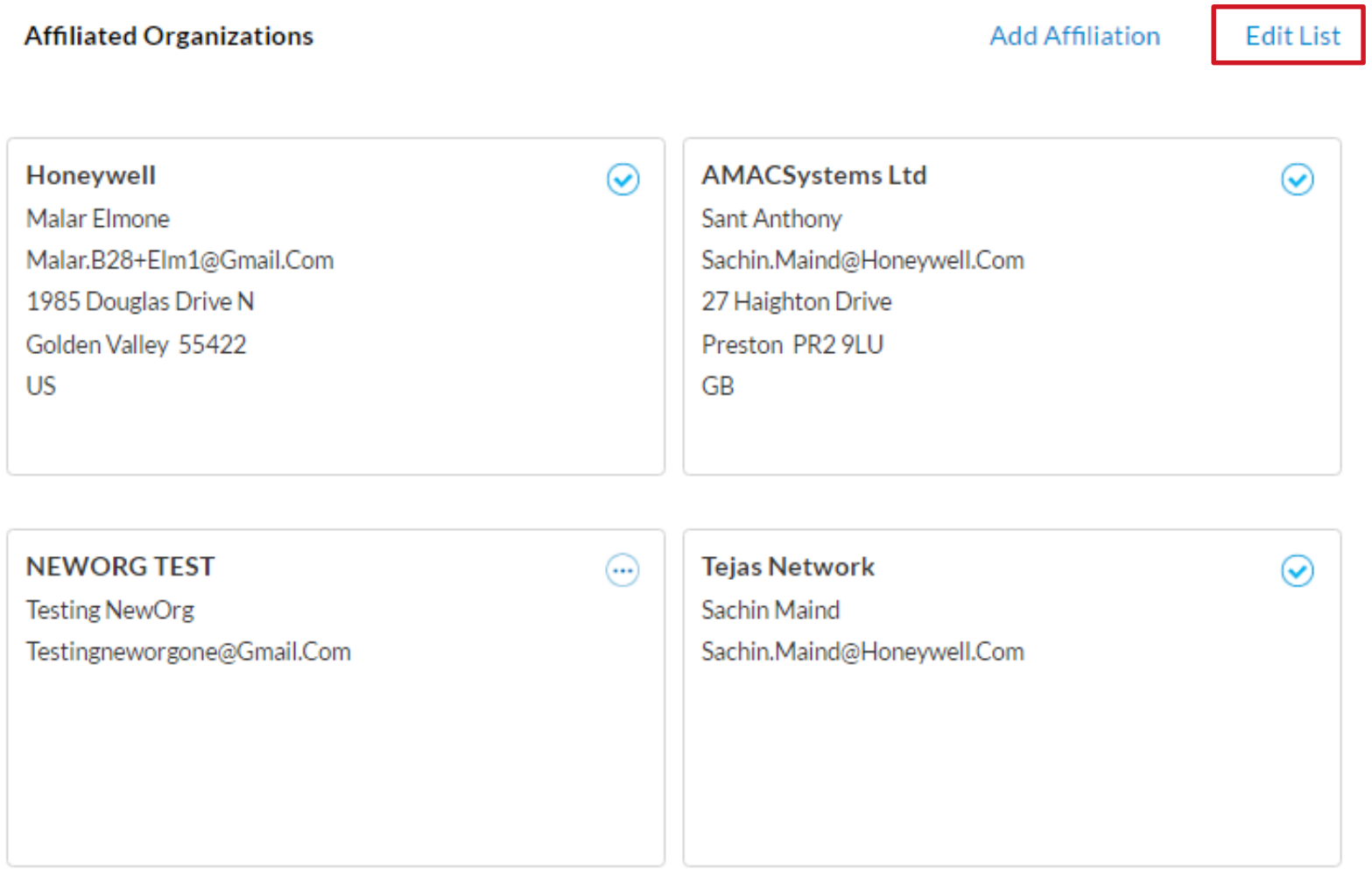

TRIDIUM

# Request New Organization Affiliations

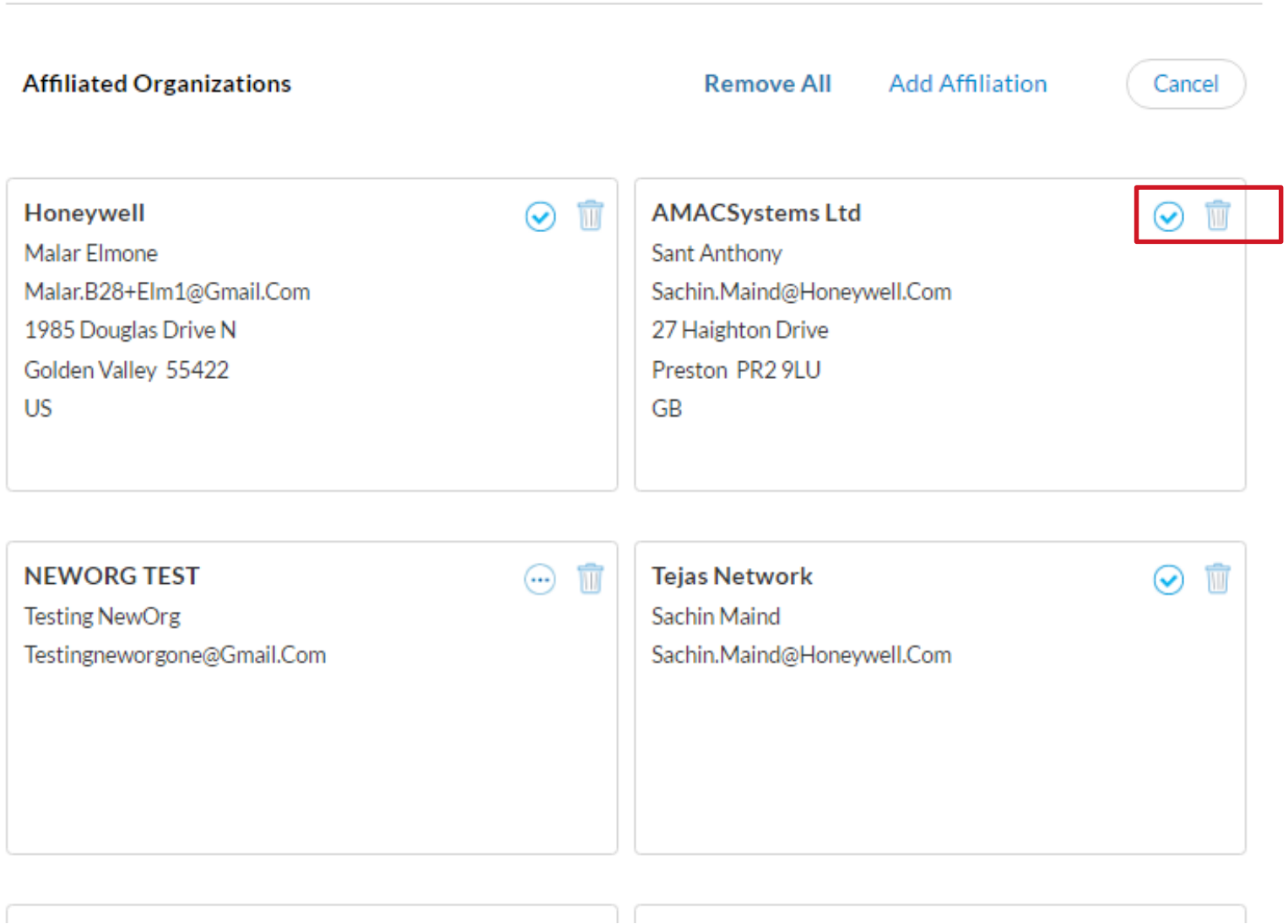



TRIDIUM

# Removing Organization Affiliations

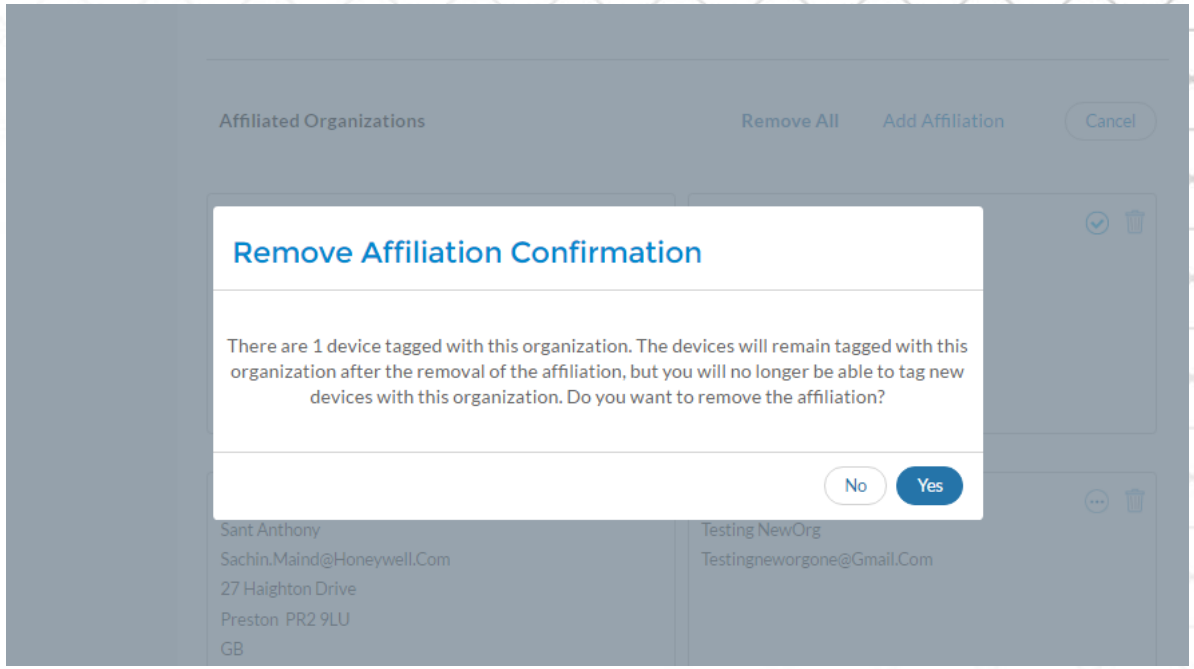


# Removing Organization Affiliations

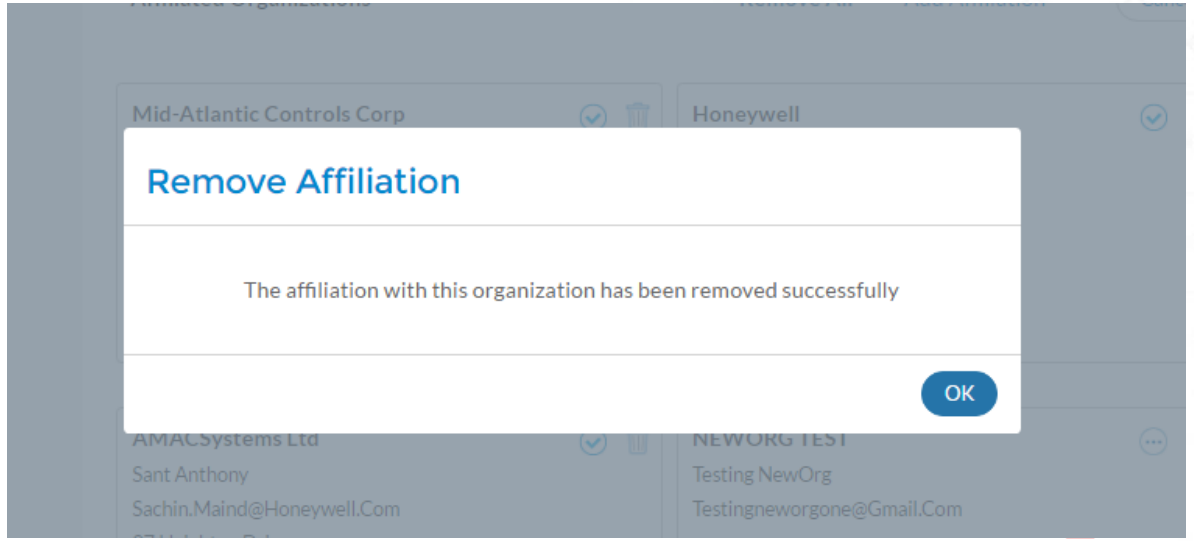


# Removing Organization Affiliations

If the affiliation the user is trying to remove has devices tagged to the organization, this message will appear.



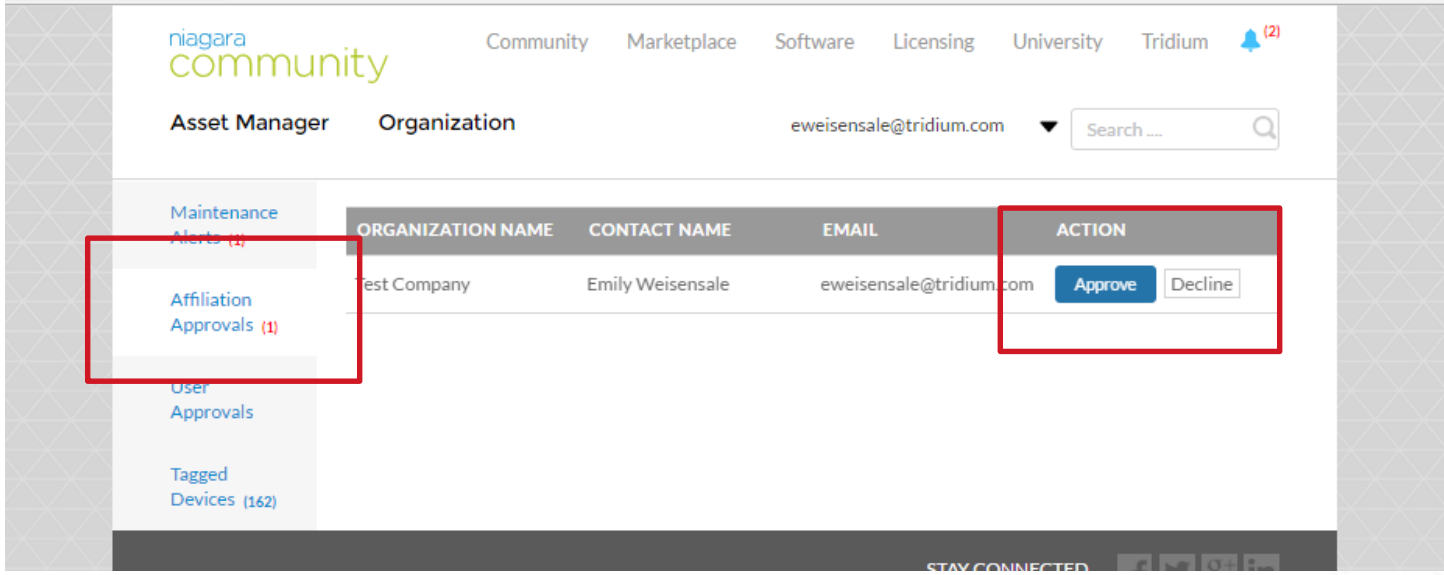

If the affiliation the user is removing has no devices tagged with the organization, this message will appear




TRIDIUM

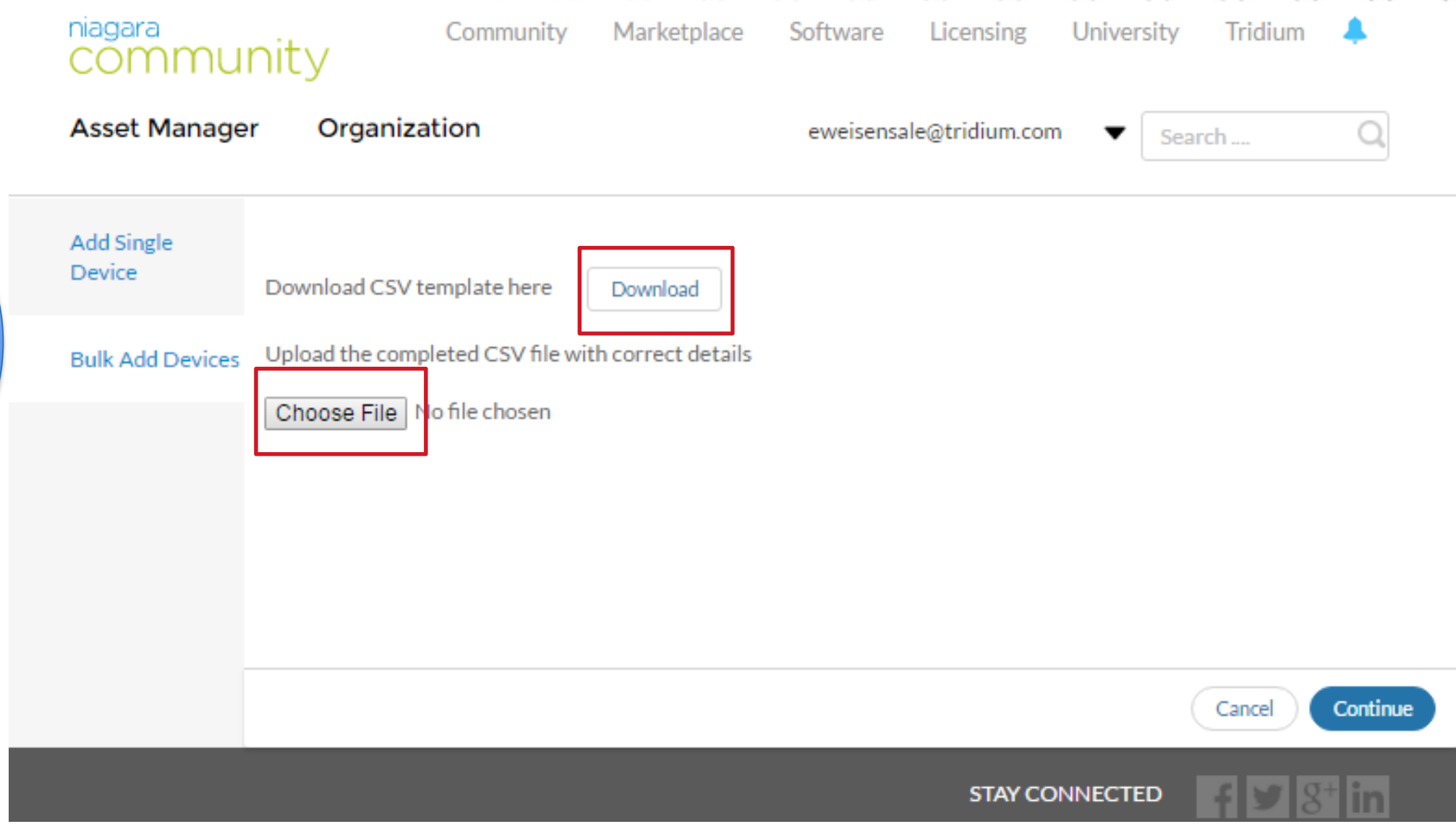
# Responding to affiliation requests

Respond to Affiliation Request

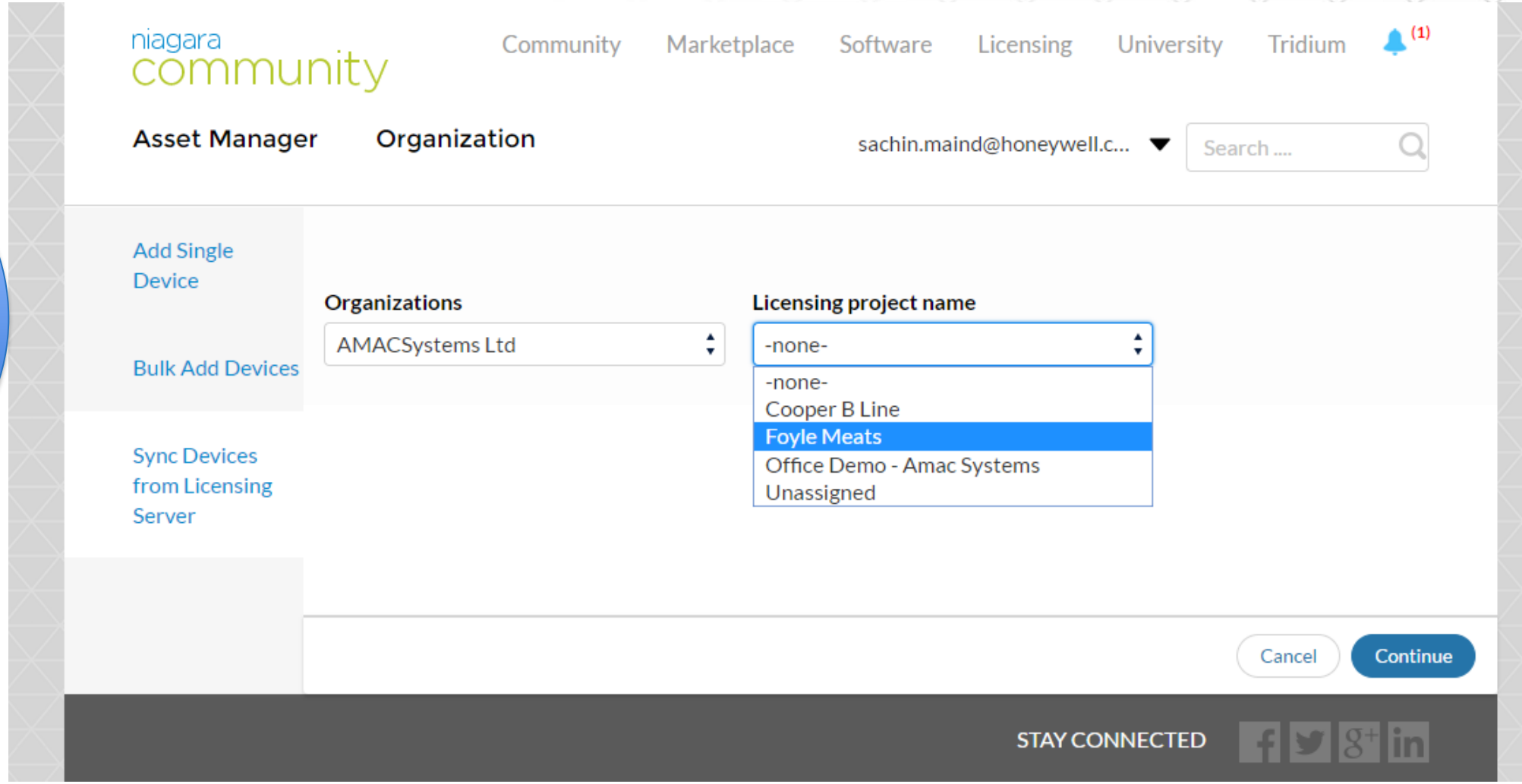



TRIDIUM

Bulk Upload

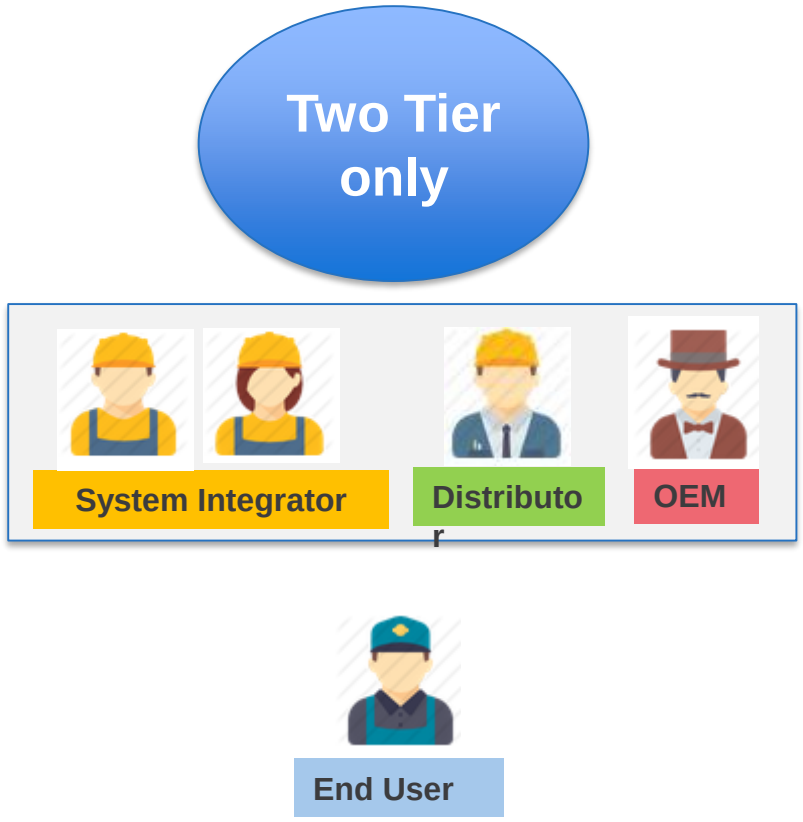

niagara community
Community
Marketplace
Software
Licensing
University
Tridium
Asset Manager
Organization
eweisensale@tridium.com
Search ....
Add Single Device
Bulk Add Devices
Download CSV template here
Download
Upload the completed CSV file with correct details
Choose File
No file chosen
Cancel
Continue
STAY CONNECTED

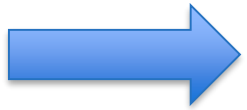
# Removing Organization Affiliations




TRIDIUM

# Enhancements



**Current** **Future**

TRIDIUM

# Enhancements

| Area | Enhancement |
|---|---|
| Self Registration | Ability to self register without affiliation completion. No cloud service access. |
| Org Affiliation | Visibility of the entire underlying value chain<br>Request license move from one channel to another |
| Cloud Device Registration | View backups of child organizations |
| Device Registration | Complete device details and KPIs for analysis |
| Notifications | Patches, new releases and notes. |
| ECommerce | Ability to buy cloud services |

# Thank you

TRIDIUM