

DNA interation check

13 kwietnia 2023
14:06

ISE site

- 1. Adminisraion -> pxGrid Service->Client Managment -> Summary
- 2. Adminisraion -> pxGrid Service->Client Managment -> Clients
https://10.143.100.11/admin/#administration/administration_messageservice/pxgrid_clientmanagement/pxgrid_clientmanagement_client_ents

<input type="checkbox"/>	Name	Description	Client Groups	Status
<input type="checkbox"/>	ise-bridge-isepxg1001			Deleted
<input type="checkbox"/>	pxgrid_client_1612825435_dnac			Enabled
<input type="checkbox"/>	livernx			Enabled
<input type="checkbox"/>	ise-mnt-isepan2001			Enabled
<input type="checkbox"/>	pxgrid_client_1612825436	Ciscoe DNA Center ise-bridge servi		Enabled

- 3. Adminisraion -> pxGrid Service->Diagnostics -> Tests

Tests

Health Monitoring Test

The test does a basic sanity test by going through Session subscribe and bulk download using an internal client.

• Complete

View Log

Start Test

- 4. ERS enable
Adminisraion ->System-> Settings
https://10.143.100.11/admin/#administration/administration_system/administration_system_settings/ers_settings

Client Provisioning

FIPS Mode

Security Settings

Alarm Settings

Posture

Profiling

Protocols

Endpoint Scripts

Proxy

SMTP Server

SMS Gateway

System Time

ERS Settings

API Gateway Settings

ERS Settings

General

External RESTful Services (ERS) is a REST API based on HTTPS over po
The ERS service is disabled by default.
An ISE Administrator with the "ERS-Admin" or "ERS-Operator" group a
For more information, please visit the ERS SDK page at:
ERS Setting for Primary Administration Node <https://11>

ERS Setting for Primary Administration Node

Enable ERS forRead/Write

Disable ERS

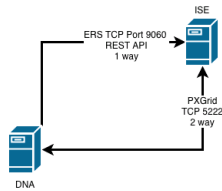
ERS Setting for All Other Nodes

Enable ERS for Read

Disable ERS

DNAC TO ISE DIAGRAM.

ERS gets the policies and updates them as needed when you make policy changes on DNA. PXGrid is the push, it pushes changes to DNAC related to SGTs. Making policy changes in ISE will not push to DNAC.



DNA Site

DEEPER INTO DNA'S IDENTITY SERVICE

The process of DNA connecting to ISE ERS API are in a docker container on DNA called *identity-manager-pxgrid-service*. Here's how to kick start DNA and tail some logs of what's going on. Let's restart it, and tail it's logs to follow as it makes ERS queries, and tries to connect to PXGrid.

```
$ magctl service restart identity-manager-pxgrid-service
```

Now, let's tail the logs as it restarts

```
$ magctl service logs -rf identity-manager-pxgrid-service
```

After about 10 minutes... wait for it... it will start downloading from the ERS API and connecting to PXGrid. Here's where it's connecting to ERS, this is your policy data download.

```
2018-12-04 17:30:07,346 | INFO | Thread-58 | identity-manager-p
2018-12-04 17:30:07,690 | INFO | Thread-58 | identity-manager-p
```

You might see something like this - It's downloading the ISE Policy SGT Matrix to sync with the DNA Policy module.

```
INFO | SimpleAsyncTaskExecutor-2 | identity-manager-pxgrid-service | c.c.e.i.p.i.v
```

module.

```
INFO | SimpleAsyncTaskExecutor-2 | identity-manager-pxgrid-service | c.c.e.i.p.i.u
< >
```

Or PXGrid trying to connect and getting refused.

```
2018-12-18 21:04:22,218 | INFO | Thread-89 | identity-manager-px
2018-12-18 21:05:22,218 | INFO | Thread-89 | identity-manager-px
2018-12-18 21:05:22,218 | INFO | Thread-89 | identity-manager-px
2018-12-18 21:05:22,231 | INFO | Thread-89 | identity-manager-px
< >
```

These can give you the right direction to continue troubleshooting in, or may resolve your issue.

DNA Site
System -> Settings -> System Health
<https://10.143.100.202/dna/systemSettings/systemHealth>

