

Capture Existing ISE Node Configuration Before Rebuild

Contents

Issue

You need to document an existing ISE Node configuration before you deregister, rebuild and reregister.

Environment

- Cisco ISE version: version 3.1 and later
- Deployment type: Distributed
- Policy Administration Node (PAN)
- Monitoring Node (MNT)
- Policy Service Node (PSN)
- Network Access Device (NAD), for example, a switch or wireless controller

Resolution

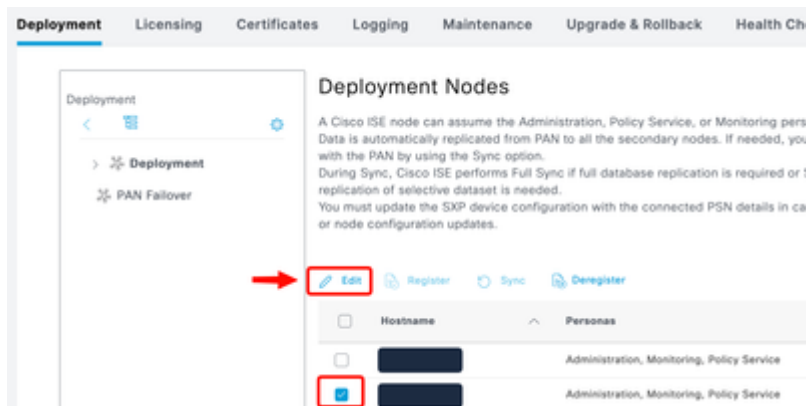
If you intend to rebuild and/or reregister the deregistered target node later, you must document the target node configuration before you deregister it.

Take A Full Configuration Backup of the Deployment

- [Export Configuration and Operation Data Backup from ISE](#)

Document the Target Node ISE Deployment Settings

- 1.- Log in to the Primary PAN GUI.
- 2.- Navigate to **Administration** > **System** > **Deployment**.
- 3.- Check the target node to be deregistered and select **Edit**.



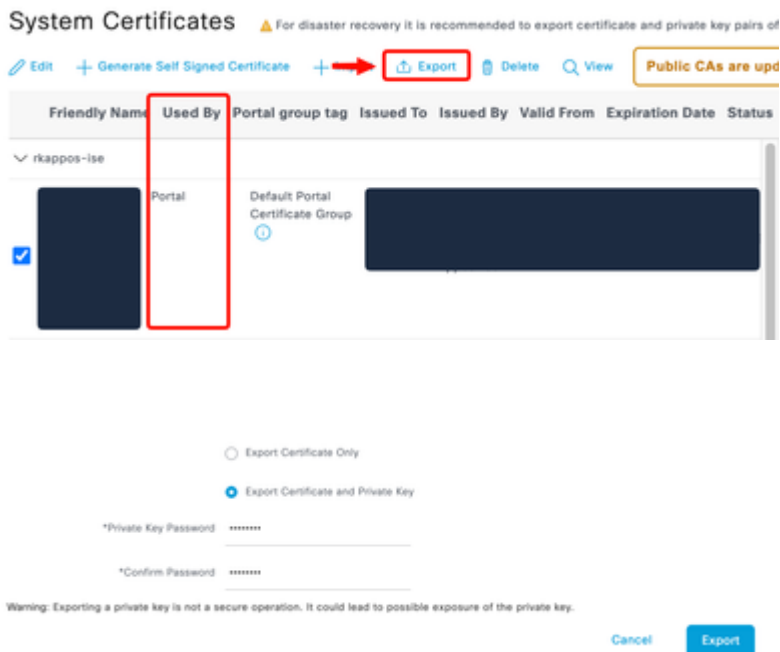
- 4.- Make notes or take screenshots of the entire configuration in both the **General Settings** and **Profiling Configuration** tabs.

Document the Target Node System Certificates

- 1.- Navigate to **Administration** > **Certificates** > **System Certificates**.
- 2.- Expand the target node entry.
- 3.- Make notes or take screenshots of the entire certificate configuration of the target node.
- 4.- Select each certificate **Used By** the target node ISE components one at a time, and **Export** the certificates and private keys.
- 5.- Make a note of the passwords you create when you export each certificate.



Note: You cannot re-import a certificate and key without the password.



Document the Target Node Running System Configuration

- 1.- Use Secure Shell (SSH) in order to log into the target node.
- 2.- Run this command in order to show the running configuration and save the output to a text file.

```
show running-config
```

Document AD Join Credentials

After you rebuild an ISE Node, you must re-join the new node to your Active Directory (AD) if it was previously AD joined. You must ensure that you have AD Global Administrator credentials ready in order to join the new ISE node to the domain.

Cause

ISE node rebuild scenarios typically occur due to hardware failure, system corruption, migration to new hardware, or disaster recovery requirements that necessitate restoration from backup or a clean rebuild.

Related Content

- [Export Configuration and Operation Data Backup from ISE](#)