Deregister a Node from an ISE Deployment

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Issue

You need to deregister a target node from the Cisco Identity Services Engine (ISE) deployment.

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, switch or wireless controller

Resolution

Impact Assessment:

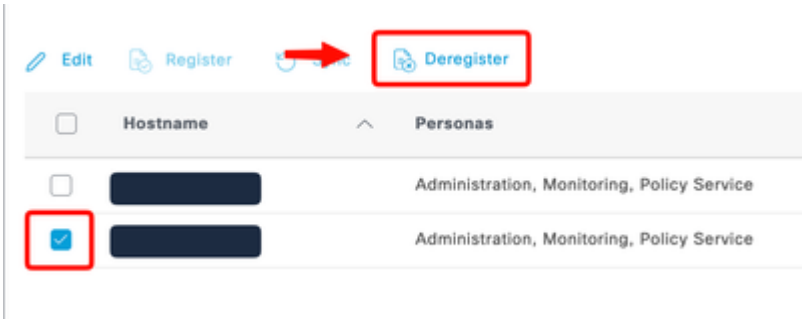
- If deregistering the Primary PAN, promote a Secondary PAN to Primary first.
    - The Primary PAN cannot be deregistered directly.
- If deregistering a PSN:
    - Confirm a remaining PSN is available.
    - Confirm NADs are configured to direct the RADIUS and TACACS+ authentications to remaining PSNs.
    - Test authentication with remaining PSNs.
- If deregistering an MNT:
    - Confirm a remaining Monitoring node is available.
- Verify no sync operations are in progress on remaining nodes.

Before Deregistering:

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

Deregistration Steps:

1. Log in to the **Primary PAN GUI**.
2. Navigate to **Administration > System > Deployment**.
3. Select the **target node** to be removed.
4. Click **Deregister**.



1. Confirm the action when prompted.
2. Verify the node no longer appears in **Administration > System > Deployment**.

Cause

This process can be required for:

- Decommissioning or rebuilding ISE nodes.
- Hardware replacement.
- Topology changes.
- Resolving persistent synchronization / replication failures.

Related Content

- Export Configuration and Operation Data Backup from ISE
- Understand ISE 3.3 Node Registration Process