

Backup and Restore:

- o Taking the backup is one of the basic but important task for any system including Cisco ISE.
- o ISE allows you to back up data only from primary or standalone Administration ISE node.
- o Backup can be done either from the ISE command-line interface (CLI) or ISE user interface.
- o The Backups require a repository which can utilize any one of several different protocols.
- o Cisco Identity Services Engine Backup can be an on-demand backup or run on a schedule.
- o You can configure on-demand backups of the primary PAN & the primary monitoring node.
- o Perform an on-demand backup on Cisco ISE when you want to back up data immediately.
- o You can schedule system-level backups on Cisco ISE to run once, daily, weekly, or monthly.
- o If you are using the internal CA, you should use the CLI to export certificates and keys etc.
- o Backup using in the administration portal does not back up the CA (Certificate Authority).
- o you can schedule backups both from CLI as well as the GUI, it is recommended to use GUI.
- o The Backup history provides basic information about scheduled and on-demand backups.
- o You can restore the configuration data on a primary or standalone administration node.
- o Process for restoring operational data is different depending on the type of deployment.
- o Restore configuration data through Cisco ISE CLI, use restore command in the EXEC mode.
- o When you use restore commands in Cisco ISE, the Cisco ISE server restarts automatically.
- o You can restore a configuration backup from the Identity Services Engine Admin portal.
- o Can restore Monitoring backup in distributed environment with only Monitoring persona.
- o In Cisco ISE there are two types of backup, **configuration backup** and **Operational Backup**.

Configuration Backup:

Configuration backup contains configuration data only. Backs up the configuration of the Cisco ISE Application and the Linux ADE (Application Deployment Engine). Backup can be done via the primary PAN using the GUI or CLI.

Operational Backup:

Operational Backup contains monitoring and troubleshooting data. Backs up the log data and troubleshooting information. Backup can be done via the primary PAN GUI or using the CLI for the Monitoring node.

