What's New in Cisco Intelligent Node Software 4.x

Cisco is continuously enhancing the product with every release and this section covers a brief description of key features and enhancements that were added. It also includes links to detailed documentation, where available.

Intelligent Node Software 4.0.0

Integration with SCEP Key Server

In this release, the Cisco Intelligent Node integrates with a Simple Certificate Enrollment Protocol(SCEP) server version 2.2.0. The integration allows you to manage an SCEP server independently, which acts as a centralized and secure certificate management solution. The benefit of using a SCEP server is that you can create your own application similar to the iNode manager to manage the nodes.

Limitations:

Intelligent Node software version 4.0.0 isn't compatible with iNode Manager 23.1 and earlier versions.

Configuring a MicroMDM SCEP Server

Before you begin ensure that you have an SCEP server installed. You can download and install the SCEP server from https://github.com/micromdm/scep/releases.

1. Create a new CA.

   ```
   ./scepserver-linux-amd64 ca -init
   ```

2. Start the SCEP server.

   ```
   ./scepserver-linux-amd64 -depot depot -port 2016 -challenge=secret
   ```

3. Create the mdmscep.config file with the following configuration and place it in the TFTP server where the Intelligent Node software version 4.0.0 is located.

   ```
   server-url string  SCEP server URL
   keySize int rsa key size (default 2048)
   challenge string enforce a challenge password

   Example:
   ```

```
server-url  =   http://175.175.145.254:2016/scep
keySize = 2048
challenge = secret
```