VIAVI Solutions

xSIGHT Administrator

(VVS0006)

Course Outline

xSIGHT Administrator

This one-day course provides xSIGHT administrators with the fundamental knowledge they require in order to successfully manage the deployed xSIGHT system. This course is broken down into four sections covering the system operation, the management of users, performing reference data uploads and file management tasks and the monitoring of system health.

Section 1 - xSIGHT System Familiarization

Duration: 1.5 hours

- Baseline architecture requirements – main system components (subsystem level view).
- Key elements of the xSIGHT user product portfolio (portal navigation).
- Supported reference points and protocols (specific to customer).
- Customer specific deployment details (subject to information availability).
- High level system data flow.
- Essential customer specific data – the role and importance of reference data.
- Setting thresholds.
- Data Acquisition and Enrichment.
- Security Considerations.
- Documentation.

Section 2 – Reference Data and File Management

Duration: 1.5 hours

- Reference Data types:
    - Customer groups, handset types, network element topology and network element location.
- For each type, define:
    - What the reference data is?
    - which component needs it?
    - where is the data source?
    - Required file format.
- Network topography changes – adding network interfaces and updating the xSIGHT system.
- Protocol Config and Master Config files – location and change implications/impact.
- System file structure.
- Command line toolset – xs, including a breakdown of each command and its usage.

Section 3 – User Management

Duration: 1.5 hours

- Capabilities and limitations of User Management.
- Users/Groups specific to customer.
- Basic user management tasks – addition, deletion, modification.
- Session Trace user management – GUI and Command Line management tasks.

Section 4 – System Health Monitoring

Duration: 1.5 hours

- Capabilities/limitations of Icinga and Kibana.
- Icinga – understanding the system health data presented.
    - Architecture overview.
    - Fundamental use cases.
    - Monitored servers.
    - Fault management.
    - Generic tests vs host specific tests (including pitfalls).
- Kibana – understanding the system log information presented.
    - ELK Stack.

- Dashboard navigation.