

Network Assessment Report

Executive Summary

Project Name:[CDS Test]

Date:[1/18/2010]

Prepared by:[Name]

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# Scope of Inventory Profile Report

Netformx Enterprise Network Discovery identifies Cisco equipment in your network and by interfacing with Cisco’s Discovery Services provides an analysis of each device including its software and components. This information can then be used in strategic customer network planning. The Inventory Profile Report (IPR) can be referenced in discussions regarding network stability, migration, lifecycle, and standardization.

The IPR highlights areas of concern or modernization opportunities such as obsolete hardware and software, hardware and software that are reaching or have exceeded important lifecycle milestones e.g. end-of-sale, deployment inconsistencies and possible security vulnerabilities. The IPR facilitates standardization of hardware and software releases within in the network. It also provides accurate analysis and guidance on future milestones which may impact hardware and software deployments. The Executive Summary section provides a high-level overview of these topics. Data is provided in tabular format with a visual legend to highlight issues which warrant further action. Each data table is followed by charts which summarize the information graphically.

EoX Milestones visual alerts legend color schema:

|  |  |  |
| --- | --- | --- |
| **EoX Millstone** | **Visual** | **Description** |
| LDoS Announced |  | Last Date of Support (EoL) has been announced for the item |
| EoS |  | End of Sale (No more orders for the item) |
| EoE |  | End of Engineering (No more updates for the item) |
| EoSCR |  | End of Service Contract Renewal |
| LDoS |  | Last Day of Support |

Service Coverage visual alerts legend color schema:

|  |  |  |
| --- | --- | --- |
| **Device Contract Status** | **Visual** | **Description** |
| S/N not found |  | Device (chassis) serial number was not found |
| Contract expiring |  | Contract is valid but will expire soon (30 days) |
| Contract not found |  | Contract could not be found |
| Contract expired |  | Contract already expired |

# Device Summary

## Device Assessment Summary Table

The ***Device Assessment Summary Table*** provides a synopsis of the number of devices found in the assessment including Cisco and Non-Cisco devices. It also presents the total number IOS, CatOS, and other Cisco OS devices found during the discovery phase.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Group** | **# Devices** | **# LDoS Announced Devices** | **# EoS Devices** | **#EOE Devices** | **# EoCSR Devices** | **# LDoS Devices** | **# SNMP accessible** |
| **Cisco** | **465** | **151** | **128** | **41** | **5** | **1** | **465** |
| CATOS | 11 | 4 | 4 | 4 | 4 | 0 | 11 |
| IOS | 447 | 147 | 124 | 37 | 1 | 1 | 447 |
| Other OS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unknown\Exception | 7 | 0 | 0 | 0 | 0 | 0 | 7 |
| **Non-Cisco** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Others** | **77** | **0** | **0** | **0** | **0** | **0** | **0** |
| **Total** | **542** | **151** | **128** | **41** | **5** | **1** | **465** |
|  |  |  |  |  |  |  |  |
| ***“Unknown / Exceptions”*** *are Cisco devices that failed to analyze.* | | | | | |  |  |
| *The “Chassis exception summary” section of the detailed Excel report contains more details.* | | | | | | | |
| ***“Non-Cisco”*** *category contains devices identified as belonging vendors other than Cisco.* | | | | | | | |
| ***“Others”*** *are devices that are not identified. May include both Cisco devices as well as other vendors devices* | | | | | | | |
|  | | | | | | | | |





# Service Coverage

## Contracts Table

The ***Contracts Table*** provides a synopsis of the number of devices in the discovery that do or do not have a valid maintenance contract. It is divided to IOS, CatOS, and other Cisco OS devices.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Group** | **# Devices** | **# Valid Contracts** | **# S/N not Found** | **# Contract Expiring** | **# Contract Not Found** | **# Contract Expired** |
| **Cisco** | **465** | **123** | **14** | **0** | **322** | **6** |
| CATOS | 11 | 3 | 7 | 0 | 1 | 0 |
| IOS | 447 | 120 | 7 | 0 | 314 | 6 |
| Other OS | 0 | 0 | 0 | 0 | 0 | 0 |
| Unknown\Exception | 7 | 0 | 0 | 0 | 7 | 0 |
| **Total** | **465** | **123** | **14** | **0** | **322** | **6** |
|  | | | | | | | |



# Hardware Summary

## IOS Device Summary Table

The ***IOS Device Summary Table*** provides a synopsis of the Cisco IOS product types and product lines found in the network. It identifies related product life cycle milestones exceptions.

**IOS Product Lines by Product Type:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Product Line** | **# Models** | **# Devices** | **# LDoS Announced Devices** | **# EoS Devices** | **#EOE Devices** | **# EoCSR Devices** | **# LDoS Devices** |
| **Routers** | **6** | **145** | **18** | **18** | **1** | **1** | **1** |
| 1800 | 1 | 25 | 0 | 0 | 0 | 0 | 0 |
| 2600 | 1 | 11 | 11 | 11 | 1 | 1 | 1 |
| 2800 | 1 | 90 | 0 | 0 | 0 | 0 | 0 |
| 3700 | 1 | 7 | 7 | 7 | 0 | 0 | 0 |
| 3800 | 1 | 9 | 0 | 0 | 0 | 0 | 0 |
| 7200 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| **Switches** | **9** | **279** | **109** | **88** | **36** | **0** | **0** |
| 2950 | 1 | 51 | 51 | 51 | 0 | 0 | 0 |
| 2960 | 1 | 48 | 0 | 0 | 0 | 0 | 0 |
| 3000 | 1 | 27 | 0 | 0 | 0 | 0 | 0 |
| 3550 | 1 | 36 | 36 | 36 | 36 | 0 | 0 |
| 3560 | 1 | 56 | 20 | 0 | 0 | 0 | 0 |
| 3560-E | 1 | 4 | 0 | 0 | 0 | 0 | 0 |
| 3750 | 1 | 6 | 1 | 0 | 0 | 0 | 0 |
| 4500 | 1 | 33 | 0 | 0 | 0 | 0 | 0 |
| 6500 | 1 | 18 | 1 | 1 | 0 | 0 | 0 |
| **Voice Gateways** | **1** | **5** | **2** | **0** | **0** | **0** | **0** |
| 200 | 1 | 5 | 2 | 0 | 0 | 0 | 0 |
| **Wireless** | **1** | **18** | **18** | **18** | **0** | **0** | **0** |
| 1200 | 1 | 18 | 18 | 18 | 0 | 0 | 0 |
| **Total** | **17** | **447** | **147** | **124** | **37** | **1** | **1** |
|  | | | | | | | | |

  




## CATOS Device Summary



The ***CATOS Device Summary Table*** provides a synopsis of the Cisco CATOS product types and product lines found in the network. It identifies related product life cycle milestones exceptions.

**CATOS Product Lines by Product Type:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Product Line** | **# Models** | **# Devices** | **# LDoS Announced Devices** | **# EoS Devices** | **#EOE Devices** | **# EoCSR Devices** | **# LDoS Devices** |
| **Switches** | **2** | **11** | **4** | **4** | **4** | **4** | **0** |
| 4000 | 1 | 4 | 4 | 4 | 4 | 4 | 0 |
| 4500 | 1 | 7 | 0 | 0 | 0 | 0 | 0 |
| **Total** | **2** | **11** | **4** | **4** | **4** | **4** | **0** |
|  | | | | | | | | |



## Others OS Device Summary

The ***Other OS Device Summary Table*** provides a synopsis of the Cisco Other OS product types and product lines found in the network. It identifies related product life cycle milestones exceptions

**Other OS Product Lines by Product Type:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Product Line** | **# Models** | **# Devices** | **# LDoS Announced Devices** | **# EoS Devices** | **#EOE Devices** | **# EoCSR Devices** | **# LDoS Devices** |
| **Total** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
|  |  |  |  |  |  |  |  |
| ***Note:*** *Only SNMP accessible devices are included in the report* | | | | |  |  |  |

# Hardware Service Coverage Summary

## Hardware Service Coverage Summary Table

The ***Hardware Service Coverage Summary Table*** provides a synopsis of the Cisco product types and product lines found in the network. It identifies related product contract status.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Product Line** | **# Models** | **# Devices** | **# Valid Contracts** | **# S/N not Found** | **# Contract Expiring** | **# Contract Not Found** | **# Contract Expired** |
| **Routers** | **6** | **145** | **55** | **3** | **0** | **82** | **5** |
| 1800 | 1 | 25 | 0 | 0 | 0 | 24 | 1 |
| 2600 | 1 | 11 | 1 | 2 | 0 | 8 | 0 |
| 2800 | 1 | 90 | 47 | 0 | 0 | 39 | 4 |
| 3700 | 1 | 7 | 5 | 1 | 0 | 1 | 0 |
| 3800 | 1 | 9 | 2 | 0 | 0 | 7 | 0 |
| 7200 | 1 | 3 | 0 | 0 | 0 | 3 | 0 |
| **Switches** | **10** | **290** | **67** | **9** | **0** | **213** | **1** |
| 2950 | 1 | 51 | 18 | 2 | 0 | 31 | 0 |
| 2960 | 1 | 48 | 1 | 0 | 0 | 47 | 0 |
| 3000 | 1 | 27 | 0 | 0 | 0 | 27 | 0 |
| 3550 | 1 | 36 | 17 | 0 | 0 | 19 | 0 |
| 3560 | 1 | 56 | 20 | 0 | 0 | 36 | 0 |
| 3560-E | 1 | 4 | 2 | 0 | 0 | 2 | 0 |
| 3750 | 1 | 6 | 1 | 0 | 0 | 4 | 1 |
| 4000 | 1 | 4 | 2 | 1 | 0 | 1 | 0 |
| 4500 | 1 | 40 | 3 | 6 | 0 | 31 | 0 |
| 6500 | 1 | 18 | 3 | 0 | 0 | 15 | 0 |
| **Voice Gateways** | **1** | **5** | **1** | **2** | **0** | **2** | **0** |
| 200 | 1 | 5 | 1 | 2 | 0 | 2 | 0 |
| **Wireless** | **1** | **18** | **0** | **0** | **0** | **18** | **0** |
| 1200 | 1 | 18 | 0 | 0 | 0 | 18 | 0 |
| **Total** | **18** | **458** | **123** | **14** | **0** | **315** | **6** |
|  | | | | | | | | |





# Software Summary

## IOS Software Security Advisory (PSIRT) Summary Table

The ***IOS Software Security Advisory (PSIRT) Summary Table*** lists the IOS trains reported on the network, followed by the specific IOS releases deployed, corresponding hardware platforms and total number of platforms discovered with that specific software release. The table also provides the PSRIT alerts which are posted against each IOS version.

|  |  |  |
| --- | --- | --- |
| **Train** | **# Devices** | **PSIRT Alerts** |
| **1.3** | 2 |  |
| **6.3** | 1 | P133, P161 |
| **7.4** | 6 | P133, P161 |
| **7.6** | 4 | P133, P161 |
| **12.1** | 62 | P7, P11, P48, P58, P59, P80, P81, P82, P95, P132, P141, P159, P162, P165, P168, P177, P205 |
| **12.2** | 220 | P5, P7, P9, P11, P12, P28, P32, P36, P48, P55, P57, P58, P59, P79, P80, P81, P82, P83, P84, P85, P87, P91, P92, P94, P95, P96, P97, P99, P103, P104, P107, P131, P132, P141, P147, P148, P149, P150, P159, P162, P164, P165, P167, P168, P177, P190, P200, P201, P202, P205 |
| **12.3** | 46 | P27, P33, P36, P48, P55, P57, P58, P59, P63, P66, P78, P79, P80, P81, P82, P83, P84, P85, P90, P91, P92, P94, P95, P96, P98, P99, P100, P103, P104, P107, P131, P132, P141, P147, P148, P151, P159, P162, P164, P165, P166, P168, P169, P171, P177, P190, P200, P201, P202, P204, P205 |
| **12.4** | 117 | P48, P55, P57, P59, P63, P64, P78, P79, P80, P81, P82, P83, P85, P90, P91, P92, P96, P98, P99, P100, P103, P104, P107, P125, P131, P132, P141, P144, P145, P146, P147, P148, P149, P151, P152, P153, P159, P162, P164, P165, P166, P167, P168, P169, P170, P171, P177, P185, P190, P191, P192, P193, P194, P195, P196, P197, P198, P199, P200, P201, P202, P204, P205 |
| **N/F** | 7 |  |
| **Total** | 465 |  |

## Software Releases Summary Table

The ***Software Releases Summary Table*** lists the IOS / CATOS trains reported on the network, followed by the number of platforms running each train. It also identifies the number of trains and releases which have a software exception such as special release, end of sale (EOS), etc.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Train** | **# Devices** | **# LDoS Announced Devices** | **# EoS Devices** | **#EOE Devices** | **# EoCSR Devices** | **# LDoS Devices** | **# Maint. Releases** | **# SW Exceptions** |
| **CATOS** | **11** | **4** | **4** | **4** | **4** | **0** | **4** | **6** |
| 6.3 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 2 |
| 7.4 | 6 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| 7.6 | 4 | 3 | 3 | 3 | 3 | 0 | 2 | 2 |
| **IOS** | **447** | **147** | **124** | **37** | **1** | **1** | **78** | **181** |
| 1.3 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| 12.1 | 62 | 61 | 61 | 10 | 0 | 0 | 9 | 17 |
| 12.2 | 220 | 51 | 30 | 26 | 0 | 0 | 26 | 50 |
| 12.3 | 46 | 24 | 24 | 1 | 1 | 1 | 10 | 51 |
| 12.4 | 117 | 9 | 9 | 0 | 0 | 0 | 32 | 63 |
| **Total** | **458** | **151** | **128** | **41** | **5** | **1** | **82** | **187** |
|  | | | | | | | | | |





