Requirements Questionnaire

Network Processes, Architecture, Systems & Tools

Generated For : Time Warner Corporation

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# Document Control

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# Overview & Scope

This Questionnaire is part of the Juniper Network Professional Services initial step in gathering information pertaining to the Time Warner Corporation’s (TWC) network environment and processes. The goal is to establish what exist or planned processes, tools and systems, and their associated functional capability coverage.

The main goals for documenting these requirements are:

* Understand the areas where automation is most meaningful to the customer.
* Interlock network automation with customer other automation initiatives.
* Select the building blocks, which will best align with customer requirements.

# Instructions

Complete the following sections for the relevant Network Architecture, Processes, Systems and Tools

Where possible please reference any collateral (e.g. Design Documents) and/or Points of Contact.

# Network Processes, Architecture and Tools

|  |  |
| --- | --- |
| **Network Details** | |
| 1. What are the major business drivers for Automation? | [Please Describe]  Standardization, Reduce Operations & Support efforts, Effective resources utilization. |
| 1. What is/are the business goals to be accomplished by the current Automation initiative | [Please Describe]  Vendor Agnostic Mass Network Element Configuration and Management. |
| 1. What is the network Lifecycle stage? | Plan […] Build […] Operate […] |
| 1. What are your current Network Pain Points? | [Please Describe]  Does not have a standard/normalized Service Template that can be used against multi-vendor devices |
| 1. What are your top 3 issues that need immediate attention? | [Please Describe]   * Configuration Generation * Configuration Validation and Compliance * Operational Reporting |
| 1. What is the current strategy and scope? | [Please Describe]  Commercial – Direct Internet Access (DIA)  ELAN / VPLS  Junos 11.4R5 |
| 1. What network devices and system components involved/affected? | [Please Describe]  Physical and virtualized   * MX * EX * SRX |
| 1. Requirements for Use Case -1 | [Please Describe]  How to define a standard XSD Service Template for ELAN  How to generate a transformed JUNOS service configuration based on a sample L2 Point-to-Point Service against a XSD template |
| 1. Requirements for Use Case -2 | [Please Describe]  How to Push and perform a compliance Check of the JUNOS configuration |
| 1. Requirements for Use Case -3 | [Please Describe]  How to generate Operational Reports for Key Performance Indicators(KPIs) like Packet Loss, Bit-rate stats etc.  List relevant KPIs |

**END**