Yasothai Jayaramachandran
Lead Engineer - Automation & Testing

Chennai, TAMIL NADU, IN - Email me on Indeed: indeed.com/r/Yasothai-
Jayaramachandran/
c36e76b64d9f477f

❖ 4 years of experience in testing methodologies: Automation,
Regression, Sanity and Manual.
❖ Hands-on experience in Selenium Webdriver with Python Automation.
❖ Skilled in IDE's Pycharm, Eclipse[Pydev plugin], Selenium for testing
the web browser using
Python.
❖ Expertise in developing automation scripts and testing various
components.
❖ Skilled in providing effective and quality automation process.
❖ Hands-on experience in functional automation scripts using TCL
Programming, Python.
❖ Experienced in planning, designing, developing and deploying testing
strategies.
❖ Trained and worked closely along with developers and dev-test (manual)
engineers for
automation tasks.
❖ Good experience in reviewing the automated TCL, Python Scripts
developed by the team
members.
❖ Extracting data from excel and csv files, posting results in excel
file with Python.
❖ Experience in Agile development -Played responsible role Scrum master
for Automation.

WORK EXPERIENCE

Lead Engineer - Automation & Testing

Cisco Systems -

January 2014 to June 2015

DURATION Jan-2014 to Jun-2015
TEAM SIZE 20
ROLES AND RESPONSIBILITIES
Lead Engineer - Automation & Testing
• Identified the cases for giving the support to the WAAS product with v6
addressing from the
test plan
• Played an active role - Scrum Master for the Automation.
• Activity participated and organized the automation team to work on
agile methodologies.
• Prepared the HLD document for the automatable cases.
• Automated around 1000+ cases in SNMP and Platform module.
• Automated the basic sanity test cases and executing sanity testing for
the v6 support.
• Involved is regressing all the automated suites.
• Performed regression for all the automated cases through ATS framework
with aetest script
template.
• Reviewed the automated cases developed by team members.

- Regression Testing
- Defect filing in CDETS/Rally
- Worked on Agile development methodologies

LANGUAGE TCL Programming, Python, Selenium

RELEASES Hornet
DESCRIPTION
- IPv6, formerly named IPng (next generation), is the latest version of the Internet Protocol (IP). IP
is a packet-based protocol used to exchange data, voice, and video traffic over digital networks
- Cisco's Wide-Area Application Services IPv4 users can move to IPv6 and receive services such
as end-to-end security, quality of service (QoS), and globally unique addresses. The IPv6 address
space reduces the need for private addresses and Network Address Translation (NAT) processing
by border routers at network edges.
- Implementing basic IPv6 connectivity in the Cisco IOS software consists of assigning IPv6
addresses to individual router interfaces. The forwarding of IPv6 traffic can be enabled globally,
and Cisco Express Forwarding switching for IPv6 can also be enabled
- The primary motivation for IPv6 is the need to meet the demand for globally unique IP
addresses.
- Mainly involves to checks the functionality of all waas features to work with v6 addressing

PRODUCT IPv6 Support on WAAS (Wide Area Application Services)

PROJECT CISCO-WAAS Express (WEXP)

Member Technical Staff - Automation & Testing

Cisco Systems -

January 2013 to December 2013

DURATION Jan-2013 to December-2013
TEAM SIZE 21
ROLES AND RESPONSIBILITIES
Member Technical Staff - Automation & Testing
- Identified the automatable cases from the test plan.
- Prepared the HLD document for the automatable cases.
- Automated test cases for various components on the wexp product for the functionality check.
- Worked on Config_Sync, HTTP, HTTPS, SSL, SMB_AO component automation.
- Automated around 200+ cases for various components.
- Performed regression for all the automated cases through ATS framework with aetest script

template.
• Reviewed the automated cases developed by team members.
• Involved in executing all the automated cases for various releases as
Phase1, Phase2 (pi19-25)
and posted results in TIMS tool.
• Regression Testing
• Defect filing in CDETS

LANGUAGE TCL Programming, Python
RELEASES Phase1 &Phase2 (with 535)
DESCRIPTION
• Cisco's Wide-Area Application Services (WAAS) Express feature is a key
component of the Cisco
WAAS product portfolio. WAAS Express is a cost-effective, IOS-based, WAN
optimization solution
that increases the amount of available bandwidth for small-to-mid-size
branch offices and remote
locations, while accelerating TCP-based applications that operate in a
WAN environment.

• The Wide-Area Application Services (WAAS) Express software optimizes
TCP traffic flows across
a WAN. WAAS Express integrates with native services such as security,
NetFlow, and quality of
service (QoS). WAAS Express provides the following benefits:
❖ Bandwidth optimization
❖ Application acceleration
❖ Increase in remote user productivity
❖ Interoperation with existing Cisco WAAS infrastructure
❖ Network transparency
❖ Deployment flexibility with on-demand service enablement
• The Wexp is about the wide Area Application Service on IOS (Router)
itself.
• Mainly involves to checks the functionality of optimizing the various
Ao's like HTTP, SSL, HTTPS,
SMB and Config_sync.

PRODUCT WAAS Express(Wide Area Application Services)

PROJECT CISCO-WAAS
CLIENT Cisco Systems
ORGANISATION HCL Technologies Ltd

Software Engineer – Automation & Testing

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June 2011 to December 2012

• Identified the automatable cases from the test plan.
• Prepared the HLD document for the automatable cases.
• Automated test cases for various components on the waas product for the
functionality check.
• Worked on Plaform, SNMP, SSL, HTTP component automation.
• Automated around 600+ cases for various components.
• Performed regression for all the automated cases through ATS framework
with aetest script

template.
• Active Participation in automating test cases for sanity test.
• Reviewed the automated cases developed by team members.
• Involved in executing all the automated cases and reporting bugs/defects.
• Worked on various releases of the products (Lancer, Phoenix, Skyhawk) for regressing the
automated cases and posted results in TIMS tool.
• Defect filing in CDETS

LANGUAGE TCL Programming, Python
RELEASES LANCER, PHOENIX, SKYHAWK, SPRIT
DESCRIPTION
• Wide Area Application Services (WAAS) is a Cisco Systems technology that improves the
performance of applications on a wide area network (WAN). WAAS combines Cisco's Wide Area
File Services (WAFS-products allow remote office users to access and share files globally at
LAN speeds over the WAN) with WAN optimization inside of a router, accelerating TCP-based
applications on a given network.
• WAAS system consists of a set of devices called wide area application engines (WAEs) that work
together to optimize TCP traffic over your network. When client and server applications attempt

to communicate with each other, the network intercepts and redirects this traffic to the WAEs so
that they can act on behalf of the client application and the destination server.
• The WAEs examine the traffic and use built-in application policies to determine whether to
optimize the traffic or allow it to pass through your network un optimized
• Mainly involves optimizing the various Ao's like HTTP, SSL, HTTPS and functional wise platform
check.

PRODUCT WAAS(Wide Area Application Services)

EDUCATION

B.E in CSE

ANNA University

2011

Day Adventist Matric Hr.Sec School

2005 to 2007

SKILLS

optimization (2 years), Python (4 years), router (4 years), TCL (4 years), Testing (4 years)

ADDITIONAL INFORMATION

Technical Skills
Programming Languages Python, TCL, Power Query, SQL, Shell Scripting, C#
Concepts Networking, WAAS (Wan Optimization), WAAS on Router, WAE(Wide
Area Engine),
WCCP Protocol,
Automation Framework ATS (Automated Test System), Selenium Testing
Framework
IDE(Integrated Development Environment) Eclipse, Pycharm, Pydev[Plugin
for eclipse IDE]
Software
Eclipse CDETS & Rally (Bug Tracking), eARMS (Regression testing),
ACME(Versioning),
TIMS(Reporting), HTMLTestRunner, Power Query(Automation), ARAS
PLM(Product Lifecycle
Management), AML Studio (adaptive markup language)

Operating Systems Windows XP/10, Linux