



BPO Convergence

Monthly IT Evaluation & Testing Report

THU, 2 JAN 2025



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ENGAGEMENT DETAILS:

ASSESSMENT SUMMARY

Engagement Timeframe	Airtel Process
Assessment ID	Airtel Inbound/Outbound
Application Type	Internal Network
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Report Version	4.1
Last Update	02/01/2025

ASSESSMENT SCOPE SUMMARY

The scope of this assessment was limited to components and interfaces specific to Company External Network.

In scope Network Name	Airtel Network
In Scope	Antivirus Patch, Domain Status, Policy Update & Others
Environment	Production
In scope User roles	N/A
Out of Scope	Anything Excluding the In Scope IP.

Limitations on Disclosure and Use of This Report

This report contains information concerning potential vulnerabilities of in-scope network and methods of exploiting them. Organization recommends that special precautions be taken to protect the confidentiality of both this document and the information contained herein.

Security assessment is an uncertain process, based upon past experiences, currently available information, and known threats. It should be understood that all information systems, which by their nature are dependent on human beings, are vulnerable to some degree.

Therefore, while Organization considers the major security vulnerabilities of the analysed network to have been identified, there can be no assurance that any exercise of this nature will identify all possible vulnerabilities or propose exhaustive and operationally viable recommendations to mitigate those exposures.

In addition, the analysis set forth herein is based on the technologies and known threats as of the date of this report. As technologies and risks change over time, the vulnerabilities associated with the operation of the target external network described in this report, as well as the actions necessary to reduce the exposure to such vulnerabilities will also change.

This report may recommend that the target network use certain software or hardware products manufactured or maintained by other vendors.

This report was prepared by Internal IT team for the exclusive use and benefit of target systems and is deemed proprietary information.

Confidentiality

This document contains information that is confidential and proprietary, which shall not be disclosed outside Authorize person/company, transmitted, or duplicated, used in whole or in part for any purpose other than its intended purpose. Any use or disclosure in whole or in part of this information without explicit written permission of network owner is prohibited.

SUMMARY:

This report presents the results of the Security Testing of Scope in network. The purpose of this assessment is to identify network and related network-level security issues that could affect the target network – remediate it before the network is fully launched to its users.

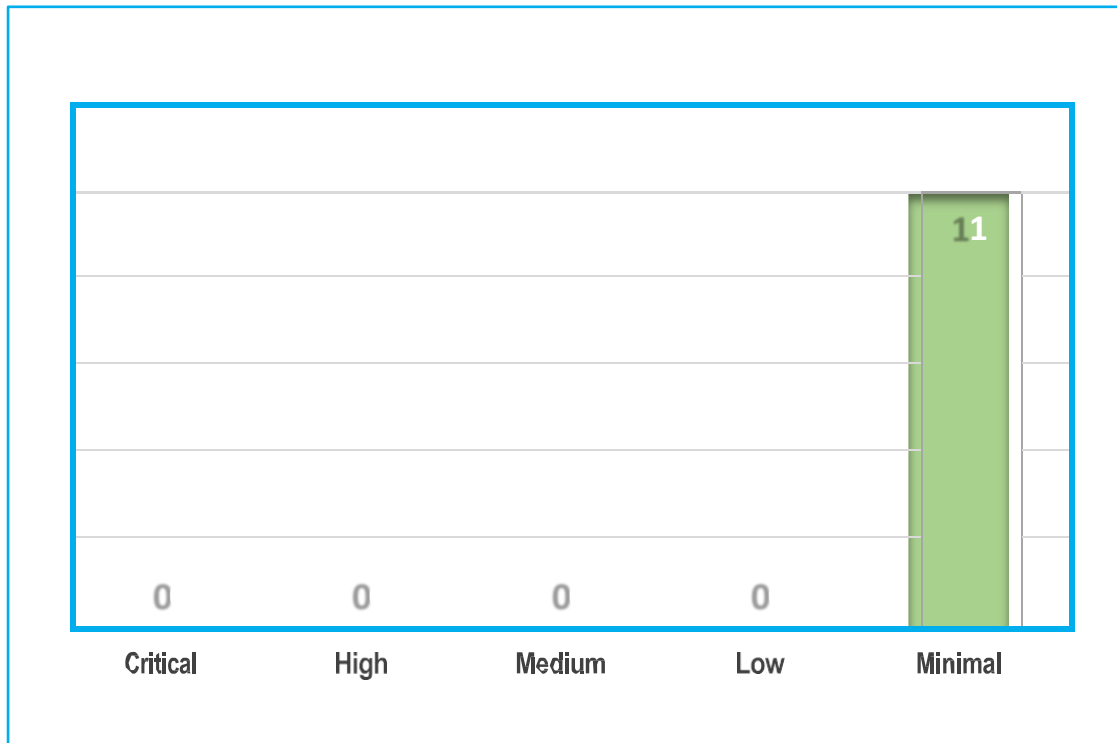
To evaluate the security of the network and network, IT team attempted to perform unauthorized transactions, obtain confidential information, and determine the overall security of the network by performing a wide variety of vulnerability checks.

The testing also included the servers and technologies associated with the organization and network. This result is intended to be an assessment of the targeted network and any asset that fall within the scope of this project.

Furthermore, the findings in this report reflect the conditions found during the testing, and do not necessarily reflect current conditions. The objective of the analysis is to simulate an attack to assess and discover weak links and provide recommendations and guidelines to vulnerable entities discovered. Every issue includes an overview, issues found and security guidelines, which, if followed correctly, will ensure the confidentiality and integrity of the systems and network.

Vulnerability Summary

The following Number of vulnerabilities were found at each risk level. It is essential to know that total vulnerabilities are not a factor in determining the risk level. The risk level is depending upon the severity of the vulnerabilities found.



Executive Summary

BPO Convergence Pvt Ltd. conducted Internal Test for “Noida”. This test was performed to assess target systems defensive posture and provide security assistance through proactively identifying vulnerabilities, validating their severity, and providing remediation steps.

Our security assessment revealed ‘1’ vulnerabilities (‘1’ Minimal Risks) in the target Network.

Grading Criteria's:

Grade	Level	Criteria Description
A	Excellent	The security exceeds "Industry Best Practice" standards. The overall posture was found to be excellent with only a few low-risk findings identified.
B	Good	The security meets with accepted standards for "Industry Best Practice." The overall posture was found to be strong with only a handful of medium- and low- risk shortcomings identified.
C	Fair	Current solutions protect some areas of the enterprise from security issues. Moderate changes are required to elevate the discussed areas to "Industry Best Practice" standards.
D	Unsatisfactory	Significant security deficiencies exist. Immediate attention should be given to the discussed issues to address exposures identified. Major changes are required to elevate to "Industry Best Practice" standards.
E	Inadequate	Serious security deficiencies exist. Shortcomings were identified throughout most or even all of the security controls examined. Improving security will require a major allocation of resources.

METHODOLOGY:

Assessment Type

IT team was engaged to perform a time-boxed manual security assessment against the target network. This assessment involved a deep automated scan using automated scanning tools to discover common vulnerabilities, as well as manual testing. Manual testing includes validation of all issue types covered under the automated scan as well as checks for problems not typically found by automated scanners.

Risk Assessment Methodology

The severity assigned to each vulnerability was calculated using the NIST 800-30 Revision 1 standard. This standard determines the risk posed by application based on the likelihood an attacker exploits the vulnerability and the impact that it would have on the business.

Likelihood

The difficulty of exploiting the security vulnerability described includes required skill level and the amount of access necessary to visit the element susceptible to the vulnerability. The difficulty is rated with the following values:

Critical: An attacker is almost certain to initiate the threat event.

High: An untrained user could exploit vulnerability, or the vulnerability is obvious and easily accessible.

Medium: The vulnerability requires some hacking knowledge or access is restricted in some way.

Low: Exploiting vulnerability requires application access, significant time, resources or a specialized skillset.

Minimal: Adversaries are highly unlikely to leverage vulnerability.

Impact

The impact the vulnerability would have on the organization if it were successfully exploited is rated as follows:

Critical: The issue causes multiple severe or catastrophic effects on organizational operations, organizational assets or other organizations.

High: Exploitation produces severe degradation in mission capability to the point that the organization is not able to perform primary functions or results in damage to organizational assets.

Medium: Threat events trigger degradation in mission capability to an extent the application is able to perform its primary functions, but their effectiveness is reduced and there may be damage to organizational assets.

Low: Successful exploitation has limited degradation in mission capability; the organization is able to perform its primary functions, but their effectiveness is noticeably reduced and may result in minor damage to organizational assets.

Minimal: The threat could have a negligible adverse effect on organizational operations or organizational assets.

Severity

The vulnerability severity is determined using the likelihood and impact weights in the following table:

		Impact				
		<i>Minimal</i>	<i>Low</i>	<i>Medium</i>	<i>High</i>	<i>Critical</i>
Likelihood	<i>Critical</i>	Minimal	Low	Medium	High	Critical
	<i>High</i>	Minimal	Low	Medium	High	Critical
	<i>Medium</i>	Minimal	Low	Medium	Medium	High
	<i>Low</i>	Minimal	Low	Low	Low	Medium
	<i>Minimal</i>	Minimal	Minimal	Minimal	Low	Low

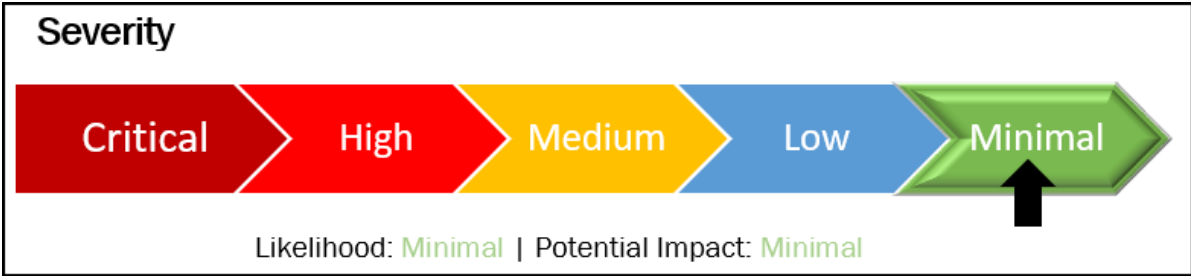
FINDINGS TABLE:

S.NO	HOST NAME	PORT NUMBER	CHECKLIST	CHECKED BY	DATE
			Remote Desktop Connection:		
			Remote desktop connection will be disabled on all systems to prevent unauthorized remote access.		
			Ctrl + Alt + Del:		
			The Ctrl + Alt + Del function will be enabled on the lock screen, ensuring that users must authenticate before any further actions are taken on the system.		
			Microsoft Store:		
			The Microsoft Store will be disabled to prevent the installation of unauthorized applications or software.		
			Command Prompt (CMD):		
			The CMD (Command Prompt) will be disabled to prevent users from executing potentially harmful or unauthorized commands on the system.		
			Snipping Tool:		
			The Snipping Tool will be disabled to restrict the ability to capture sensitive screen data or images.		
			Antivirus:		
			The antivirus software will be disabled only if explicitly approved or if managed through centralized security systems. No user-level disabling of antivirus will be allowed.		
			Approved Applications:		
			Only the following applications will be allowed on systems:		
			Google Chrome and Microsoft Office Suite (for supervisors only)		
			Excel 2007 (for approved users)		
			No other applications should be installed or accessible without prior approval from IT		

FINDING DETAILS:

Minimal Priority Findings:

1 – Sensitive Information Disclosure



Description:

This vulnerability occurs when sensitive information is inadvertently disclosed through an open network port, allowing unauthorized parties to access and potentially exploit this information.

Consequence:

Attackers can use this information to compromise the security of the system and potentially steal confidential data or disrupt services.

Instances:

- 1) Location – ASANSOL
- 2) Process - Airtel

SR.NO	HOSTNAME	GROUP	POLICY	DOMIN	IP ADDRESS	MAC	STATUS	UPDATE DATE
1	ASN-PRE-11	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.10	34-17-EB-A2-C0-02	ACTIVE	02-01-2025
2	PREP-ASN-100	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.100	F8-B1-56-C8-86-27	ACTIVE	02-01-2025
3	PRE-ASN-101	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.101	78-45-C4-39-39-EB	ACTIVE	02-01-2025
4	PRE-ASN-68	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.102	F8-B1-56-D1-96-F1	ACTIVE	02-01-2025
5	PREP-ASN-103	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.103	78-45-C4-29-3E-F8	ACTIVE	02-01-2025
6	TRN-ASN-104	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.104	C8-1F-66-22-F0-7C	ACTIVE	02-01-2025
7	TRN-ASN-105	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.105	F8-B1-56-BB-F4-46	ACTIVE	02-01-2025
8	TRN-ASN-106	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.106	B8-CA-3A-76-BB-00	ACTIVE	02-01-2025
9	TRN-ASN-107	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.107	34-17-EB-A8-21-08	ACTIVE	02-01-2025

10	TRN-ASN-108	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.108	90-B1-1C-6B-0B-01	ACTIVE	02-01-2025
11	TRN-ASN-109	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.109	78-45-C4-26-EE-99	ACTIVE	02-01-2025
12	BPOC-PRE-009	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.11	F8-B1-56-C3-D3-EC	ACTIVE	02-01-2025
13	TRN-ASN-110	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.110	C8-1F-66-22-EF-FE	ACTIVE	02-01-2025
14	TRN-ASN-111	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.111	F8-B1-56-DF-CD-22	ACTIVE	02-01-2025
15	TRN-ASN-112	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.112	78-45-C4-3A-85-1A	ACTIVE	02-01-2025
16	TRN-ASN-113	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.113	F8-B1-56-C1-46-45	ACTIVE	02-01-2025
17	DTH-ASN-93	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.114	F8-B1-56-CF-10-22	ACTIVE	02-01-2025
18	TRN-ASN-115	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.115	90-B1-1C-A4-05-BF	ACTIVE	02-01-2025
19	TRN-ASN-116	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.116	B8-CA-3A-AE-AD-F8	ACTIVE	02-01-2025
20	TRN-ASN-117	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.117	B8-CA-3A-B3-AF-2A	ACTIVE	02-01-2025
21	TRN-ASN-118	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.118	C8-1F-66-3B-55-FE	ACTIVE	02-01-2025
22	PRE-ASN-12	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.12	C8-1F-66-3B-01-E2	ACTIVE	02-01-2025
23	PRE-ASN-13	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.13	B8-CA-3A-B4-7D-62	ACTIVE	02-01-2025
24	PRE-ASN-79	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.130	90-B1-1C-A4-B0-18	ACTIVE	02-01-2025
25	PRE-ASN-14	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.14	A4-1F-72-79-B5-26	ACTIVE	02-01-2025
26	PRE-ASN-15	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.15	F8-B1-56-E2-0F-33	ACTIVE	02-01-2025
27	PRE-ASN-08	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.150	90-B1-1C-8E-10-C7	ACTIVE	02-01-2025
28	PRE-ASN-16	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.16	34-17-EB-A4-41-74	ACTIVE	02-01-2025
29	ASN-PRE-017	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.17	B8-CA-3A-76-13-A1	ACTIVE	02-01-2025
30	PRE--ASN-18	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.18	90-B1-1C-A2-CF-63	ACTIVE	02-01-2025
31	PRE-ASN-19	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.19	B8-CA-3A-9F-AA-DF	ACTIVE	02-01-2025
32	PRE-ASN-20	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.20	34-17-EB-A3-87-D3	ACTIVE	02-01-2025
33	PRE-ASN-0021	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.21	F8-B1-56-B4-30-DA	ACTIVE	02-01-2025
34	PRE-ASN-22	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.22	F8-B1-56-98-F6-C4	ACTIVE	02-01-2025
35	PRE-ASN-23	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.23	90-B1-1C-A3-A1-BC	ACTIVE	02-01-2025
36	PRE-ASN-24	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.24	34-17-EB-A4-44-64	ACTIVE	02-01-2025

37	PRE-ASN-025	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.25	F8-B1-56-A1-18-04	ACTIVE	02-01-2025
38	PRE-ASN-26	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.26	34-17-EB-B2-77-D0	ACTIVE	02-01-2025
39	PRE-ASN-27	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.27	34-17-EB-A3-87-AC	ACTIVE	02-01-2025
40	PRE-ASN-28	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.28	34-17-EB-A3-FF-16	ACTIVE	02-01-2025
41	PRE-ASN-29	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.29	34-17-EB-9B-39-26	ACTIVE	02-01-2025
42	PRE-ASN-30	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.30	A4-1F-72-79-BB-1B	ACTIVE	02-01-2025
43	PRE-ASN-31	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.31	90-B1-1C-6B-13-CE	ACTIVE	02-01-2025
44	PRE-ASN-32	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.32	C8-1F-66-01-E6-89	ACTIVE	02-01-2025
45	PRE-ASN-33	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.33	F8-B1-56-BF-A8-C2	ACTIVE	02-01-2025
46	PRE-ASN-034	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.34	34-17-EB-B4-A3-EC	ACTIVE	02-01-2025
47	ASN-PRE-35	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.35	34-17-EB-DF-75-5D	ACTIVE	02-01-2025
48	PRE-ASN-36	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.36	78-45-C4-44-47-D9	ACTIVE	02-01-2025
49	PRE-ASN-37	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.37	A4-1F-72-95-BE-63	ACTIVE	02-01-2025
50	PRE-ASN-38	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.38	A4-1F-72-8B-83-36	ACTIVE	02-01-2025
51	PRE-ASN-80	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.39	F8-B1-56-E0-45-B7	ACTIVE	02-01-2025
52	PRE-ASN-40	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.40	B8-CA-3A-7B-12-E4	ACTIVE	02-01-2025
53	PRE-ASN-41	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.41	F8-B1-56-B4-11-1D	ACTIVE	02-01-2025
54	PRE-ASN-42	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.42	34-17-EB-BF-01-58	ACTIVE	02-01-2025
55	ASN-PRE-043	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.43	F8-B1-56-B4-DE-A4	ACTIVE	02-01-2025
56	PREP-ASN-44	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.44	C8-1F-66-37-6F-97	ACTIVE	02-01-2025
57	PRE-ASN-45	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.45	90-B1-1C-6B-43-16	ACTIVE	02-01-2025
58	PRE-ASN-46	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.46	D4-BE-D9-E6-1A-E6	ACTIVE	02-01-2025
59	PRE-ASN-47	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.47	90-B1-1C-65-1C-49	ACTIVE	02-01-2025
60	PRE-ASN-48	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.48	F8-B1-56-D4-09-72	ACTIVE	02-01-2025
61	PRE-ASN-49	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.49	B8-CA-3A-74-58-A4	ACTIVE	02-01-2025
62	PRE-ASN-50	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.50	90-B1-1C-76-FC-B2	ACTIVE	02-01-2025
63	PRE-ASN-51	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.51	90-B1-1C-77-FD-48	ACTIVE	02-01-2025

64	PRE-ASN-52	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.52	34-17-EB-A4-44-F0	ACTIVE	02-01-2025
65	PRE-ASN-53	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.53	C8-1F-66-1D-03-9A	ACTIVE	02-01-2025
66	PREP-ASN-55	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.55	F8-B1-56-C5-A5-C3	ACTIVE	02-01-2025
67	DTH-ASN-059	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.56	C8-1F-66-34-9C-C6	ACTIVE	02-01-2025
68	PRE-ASN-57	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.57	A4-1F-72-86-75-99	ACTIVE	02-01-2025
69	PRE-ASN-58	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.58	B8-CA-3A-B7-A0-FB	ACTIVE	02-01-2025
70	PRE-ASN-59	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.59	34-17-EB-A3-83-C6	ACTIVE	02-01-2025
71	PRE-ASN-35	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.6	F8-B1-56-B0-3C-C6	ACTIVE	02-01-2025
72	PRE-ASN-60	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.60	90-B1-1C-64-B2-1E	ACTIVE	02-01-2025
73	ASN-PRE-061	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.61	78-45-C4-15-9A-C3	ACTIVE	02-01-2025
74	ASN-PRE-062	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.62	90-B1-1C-5C-A6-F8	ACTIVE	02-01-2025
75	PRE-ASN-63	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.63	B8-CA-3A-9E-32-97	ACTIVE	02-01-2025
76	PRE-ASN-64	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.64	90-B1-1C-66-A7-67	ACTIVE	02-01-2025
77	PRE-ASN-65	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.65	B8-CA-3A-A4-D0-D7	ACTIVE	02-01-2025
78	PRE-ASN-66	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.66	C8-1F-66-1D-82-BE	ACTIVE	02-01-2025
79	PRE-ASN-67	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.67	90-B1-1C-5C-A6-F8	ACTIVE	02-01-2025
80	ASN-DTH-113	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.68	F8-B1-56-DB-99-5B	ACTIVE	02-01-2025
81	PRE-ASN-69	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.69	34-17-EB-B3-07-7D	ACTIVE	02-01-2025
82	VAS-LAB	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.7	2C-60-0C-CA-0F-2C	ACTIVE	02-01-2025
83	PRE-ASN-70	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.70	A4-1F-72-95-C7-9F	ACTIVE	02-01-2025
84	PRE-ASN-71	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.71	B8-CA-3A-73-2F-CB	ACTIVE	02-01-2025
85	ASN-PRE-06	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.72	34-17-EB-B6-9E-87	ACTIVE	02-01-2025
86	PRE-ASN-73	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.73	F8-B1-56-BC-6F-99	ACTIVE	02-01-2025
87	PRE-ASN-74	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.74	B8-CA-3A-76-F9-BA	ACTIVE	02-01-2025
88	PRE-ASN-75	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.75	78-45-C4-2F-63-EC	ACTIVE	02-01-2025
89	PRE-ASN-76	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.76	78-45-C4-40-5B-78	ACTIVE	02-01-2025
90	PRE-ASN-077	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.77	B8-CA-3A-A4-F4-84	ACTIVE	02-01-2025

91	DTH-ASN-087	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.78	A4-1F-72-4C-F5-95	ACTIVE	02-01-2025
92	DTH-ASN-58	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.80	18-03-73-4A-89-1D	ACTIVE	02-01-2025
93	PRE-ASN-81	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.81	F8-B1-56-B4-0B-7D	ACTIVE	02-01-2025
94	PRE-ASN-82	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.82	C8-1F-66-3B-57-B4	ACTIVE	02-01-2025
95	PRE-ASN-83	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.83	B8-CA-3A-91-D6-BE	ACTIVE	02-01-2025
96	PRE-ASN-84	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.84	B8-CA-3A-90-4D-1B	ACTIVE	02-01-2025
97	PRE-ASN-85	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.85	F8-B1-56-DF-5B-AE	ACTIVE	02-01-2025
98	ASN-DTH-86	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.86	C8-1F-66-0C-B6-4A	ACTIVE	02-01-2025
99	DTH-ASN-70	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.87	A4-1F-72-96-33-B3	ACTIVE	02-01-2025
100	DTH-ASN-106	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.88	78-45-C4-3A-4C-28	ACTIVE	02-01-2025
101	DTH-ASN-09	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.89	44-37-E6-80-BC-BF	ACTIVE	02-01-2025
102	DTH-ASN-96	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.90	F8-B1-56-DC-44-22	ACTIVE	02-01-2025
103	PRE-ASN-92	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.92	34-17-EB-96-4F-9C	ACTIVE	02-01-2025
104	DTH-ASN-115	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.93	F8-B1-56-C0-EB-99	ACTIVE	02-01-2025
105	DTH-ASN-94	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.94	C8-1F-66-22-9D-E2	ACTIVE	02-01-2025
106	DTH-ASN-60	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.95	90-B1-1C-7A-58-95	ACTIVE	02-01-2025
107	PRE-ASN-98	ASANSOL	ASANSOL	BPOCNV.COM	10.130.116.98	90-B1-1C-92-7F-7F	ACTIVE	02-01-2025
108	MULTI-ASN-90	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.100	B8-CA-3A-9D-66-B2	ACTIVE	02-01-2025
109	MULTI-ASN-33	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.11	34-17-EB-A6-0B-F9	ACTIVE	02-01-2025
110	DTH-ASN-108	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.12	A4-1F-72-83-6D-B5	ACTIVE	02-01-2025
111	DTH-ASN-63	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.13	34-17-EB-A2-2B-09	ACTIVE	02-01-2025
112	MULTI-ASN-80	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.14	44-37-E6-A5-64-7E	ACTIVE	02-01-2025
113	MULTI-ASN-49	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.15	44-37-E6-AD-E3-A8	ACTIVE	02-01-2025
114	MULTI-ASN-14	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.16	90-B1-1C-93-0A-A2	ACTIVE	02-01-2025
115	MULTI-ASN-026	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.17	00-10-C6-B0-E7-B7	ACTIVE	02-01-2025
116	MULTI-ASN-13	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.18	90-B1-1C-93-12-8C	ACTIVE	02-01-2025
117	DTH-ASN-68	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.19	18-03-73-40-6D-1C	ACTIVE	02-01-2025

118	MULTI-ASN-010	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.20	44-37-E6-AD-E3-32	ACTIVE	02-01-2025
119	BPOC-MULTI-21	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.21	34-17-EB-A5-CE-98	ACTIVE	02-01-2025
120	ASN-POST-53	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.22	8C-89-A5-3A-49-9A	ACTIVE	02-01-2025
121	ASN-POST-54	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.24	8C-89-A5-21-CC-5F	ACTIVE	02-01-2025
122	ASN-POST-052	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.25	44-37-E6-AD-E2-48	ACTIVE	02-01-2025
123	POST-ASN-51	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.26	44-37-E6-A5-63-CE	ACTIVE	02-01-2025
124	POST-ASN-31	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.27	44-37-E6-60-FA-BE	ACTIVE	02-01-2025
125	MULTI-ASN-8	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.28	90-B1-1C-64-F3-47	ACTIVE	02-01-2025
126	MULTI-ASN-22	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.29	B8-CA-3A-92-D5-25	ACTIVE	02-01-2025
127	MULTI-ASN-21	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.30	90-B1-1C-A5-BA-81	ACTIVE	02-01-2025
128	MULTI-ASN-012	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.31	CC-52-AF-41-89-43	ACTIVE	02-01-2025
129	POST-ASN-33	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.32	90-B1-1C-9A-B0-80	ACTIVE	02-01-2025
130	MULTI-ASN-25	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.33	90-B1-1C-A4-B2-76	ACTIVE	02-01-2025
131	MULTI-ASN-07	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.34	F8-B1-56-D0-FA-51	ACTIVE	02-01-2025
132	MULTI-ASN-34	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.35	A4-1F-72-79-BB-97	ACTIVE	02-01-2025
133	MULTI-ASN-16	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.36	44-37-E6-A6-3C-88	ACTIVE	02-01-2025
134	MIULTI-ASN-17	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.37	F8-B1-56-DE-17-E4	ACTIVE	02-01-2025
135	POST-ASN-17	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.38	B8-CA-3A-7E-43-20	ACTIVE	02-01-2025
136	ASN-POST-9	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.39	F8-B1-56-BA-8B-2D	ACTIVE	02-01-2025
137	POST-ASN-21	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.40	44-37-E6-A6-8D-DD	ACTIVE	02-01-2025
138	POST-ASN-32	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.41	B8-CA-3A-76-B8-0C	ACTIVE	02-01-2025
139	POST-ASN-18	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.42	44-37-E6-A5-64-05	ACTIVE	02-01-2025
140	ASN-POST-61	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.43	44-37-E6-6C-9A-1E	ACTIVE	02-01-2025
141	ASN-POST-63	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.44	C8-1F-66-22-EB-E0	ACTIVE	02-01-2025
142	POST-ASN-62	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.45	44-37-E6-43-AC-D3	ACTIVE	02-01-2025
143	MULTI-ASN-19	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.46	F8-B1-56-AD-FC-DB	ACTIVE	02-01-2025
144	MULTI-ASN-18	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.47	40-2C-F4-EB-08-49	ACTIVE	02-01-2025

145	MULTI-ASN-29	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.49	90-B1-1C-72-7D-0F	ACTIVE	02-01-2025
146	MULTI-ASN-50	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.50	90-B1-1C-7A-49-07	ACTIVE	02-01-2025
147	MULTI-ASN-70	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.51	34-17-EB-A4-0A-5B	ACTIVE	02-01-2025
148	ASN-PRE-08	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.52	34-E6-D7-FE-94-7B	ACTIVE	02-01-2025
149	DTH-ASN-92	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.53	B8-CA-3A-7D-12-01	ACTIVE	02-01-2025
150	DTH-ASN-100	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.54	34-17-EB-B4-8A-51	ACTIVE	02-01-2025
151	DTH-ASN-84	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.55	F8-B1-56-DE-DF-7E	ACTIVE	02-01-2025
152	MULTI-ASN-32	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.56	A4-1F-72-63-89-AA	ACTIVE	02-01-2025
153	MULTI-ASN-57	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.57	B8-CA-3A-9D-66-B2	ACTIVE	02-01-2025
154	PRE-ASN-54	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.58	78-45-C4-29-43-FB	ACTIVE	02-01-2025
155	DTH-ASN-117	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.59	90-B1-1C-72-05-1B	ACTIVE	02-01-2025
156	ASANSOL-IT	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.6	D4-BE-D9-A6-E6-6F	ACTIVE	02-01-2025
157	DTH-ASN-89	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.61	F8-B1-56-B5-E7-70	ACTIVE	02-01-2025
158	DTH-ASN-112	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.63	44-37-E6-7F-7C-0D	ACTIVE	02-01-2025
159	DTH-ASN-97	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.64	B8-CA-3A-79-FE-70	ACTIVE	02-01-2025
160	DTH-ASN-114	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.65	F8-B1-56-DA-E5-05	ACTIVE	02-01-2025
161	DTH-ASN-116	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.66	90-B1-1C-7A-4F-99	ACTIVE	02-01-2025
162	DTH-ASN-104	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.67	B8-CA-3A-9D-72-2E	ACTIVE	02-01-2025
163	PRE-ASN-072	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.68	34-17-EB-A4-08-82	ACTIVE	02-01-2025
164	MULTI-ASN-69	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.69	90-B1-1C-6B-2A-32	ACTIVE	02-01-2025
165	BPOCASN-LT1	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.7	34-E6-D7-08-78-60	ACTIVE	02-01-2025
166	DTH-ASN-121	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.70	90-B1-1C-5D-5F-E9	ACTIVE	02-01-2025
167	DTH-ASN-122	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.71	90-B1-1C-76-B9-4E	ACTIVE	02-01-2025
168	DTH-ASN-123	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.72	F8-B1-56-B2-E6-24	ACTIVE	02-01-2025
169	DTH-ASN-126	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.73	A4-1F-72-7D-71-D2	ACTIVE	02-01-2025
170	MULTI-ASN-28	ASANSOL	ASANSOL	BPOCNV.COM	10.130.115.90	34-17-EB-A3-71-33	ACTIVE	02-01-2025
171	ASN-TRN1-11	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.11	78-45-C4-26-FC-0D	ACTIVE	02-01-2025

172	TRN-ASN-11	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.12	D4-BE-D9-C0-68-08	ACTIVE	02-01-2025
173	CONFERENCE-00	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.120	C8-1F-66-11-52-4E	ACTIVE	02-01-2025
174	TRN1-ASN-13	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.13	00-1A-A0-BF-9B-FE	ACTIVE	02-01-2025
175	ASN-TRN1-014	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.14	00-0F-FE-CF-27-5F	ACTIVE	02-01-2025
176	ASN-TRN1-015	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.15	00-1E-C9-5F-05-24	ACTIVE	02-01-2025
177	TRN1-ASN-16	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.16	B8-AC-6F-A7-0A-17	ACTIVE	02-01-2025
178	ASN-PRE-010	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.18	00-21-9B-1E-05-F1	ACTIVE	02-01-2025
179	TRN1-ASN-19	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.19	00-10-C6-B0-E9-18	ACTIVE	02-01-2025
180	TRN-ASN-20	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.20	00-01-6C-98-07-7E	ACTIVE	02-01-2025
181	TRN-ASN-23	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.23	00-1E-C9-61-AB-14	ACTIVE	02-01-2025
182	ASN-TRN1-25	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.25	00-1E-C9-61-7B-66	ACTIVE	02-01-2025
183	TRN-ASN-26	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.26	D4-BE-D9-A6-CF-45	ACTIVE	02-01-2025
184	TRN-ASN-27	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.27	00-24-21-85-C2-13	ACTIVE	02-01-2025
185	TRN-ASN-28	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.28	00-25-64-F5-B9-5B	ACTIVE	02-01-2025
186	TRN-ASN-31	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.31	00-01-6C-9C-B6-83	ACTIVE	02-01-2025
187	ASN-TR1-029	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.32	84-2B-2B-B3-81-95	ACTIVE	02-01-2025
188	TRN-ASN-33	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.33	00-1C-25-C4-72-77	ACTIVE	02-01-2025
189	MIS-ASN-36	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.36	44-37-E6-A6-8D-3E	ACTIVE	02-01-2025
190	ASN-MIS-37	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.37	D4-BE-D9-9C-77-D9	ACTIVE	02-01-2025
191	MIS-ASN-38	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.38	8C-89-A5-3A-CF-81	ACTIVE	02-01-2025
192	ASN-MIS-039	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.39	B8-CA-3A-82-A4-89	ACTIVE	02-01-2025
193	MIS-ASN-40	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.40	B8-CA-3A-9F-5D-85	ACTIVE	02-01-2025
194	MIS-ASN-41	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.41	90-B1-1C-7A-51-4A	ACTIVE	02-01-2025
195	ASN-RODC	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.5	44-37-E6-96-BE-9F	ACTIVE	02-01-2025
196	TRN-ASN-35	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.58	00-26-B9-83-B0-DD	ACTIVE	02-01-2025
197	ASN-TRN1-0024	ASANSOL	ASANSOL	BPOCNV.COM	10.130.114.65	00-1C-25-C7-0F-C2	ACTIVE	02-01-2025

WAY AHEAD:

A detailed plan for closure of the gaps found during this review should be created. Network must be re-tested, before moving the new code into production environment. A periodic monitoring mechanism should be instituted to ensure compliance levels are maintained all the time. BPO Convergence Pvt Ltd. is happy to perform periodic assessments once in a quarter or whenever there is a major code change or when industry consortiums report new vulnerabilities or threats, whichever comes first.

APPENDIX 1: EXTERNAL NETWORK SECURITY ASSESSMENT TASK

An indicative list of tasks conducted for a web application assessment, in addition to the application's requirements;

- ✓ **Vulnerability Scanning** – Using automated tools to scan the target network for known vulnerabilities, which can include outdated software, unpatched systems, and misconfigured devices.
- ✓ **Network Mapping** - Mapping the network to identify all devices and systems on the network, including their IP addresses, operating systems, and services running.
- ✓ **Port Scanning** - Using automated tools to scan all open ports on the target network to identify any unauthorized services, applications or open ports that may be vulnerable to attack.
- ✓ **Exploitation Testing**: Testing for exploitable vulnerabilities identified during the vulnerability scanning and port scanning phases using manual and automated tools to verify their existence.
- ✓ **Password Cracking**: Testing the strength of passwords used within the network and identifying any weak or easily guessable passwords which can be used to gain unauthorized access.
- ✓ **Firewall Testing**: Testing the security of the firewall configuration to identify any misconfigured rules or policies that may be exploited.
- ✓ **Denial of Service (DoS) Testing**: Testing the resilience of the network against Denial-of-Service attacks that can cause network outages.

ABOUT US

BPO Convergence Pvt. Ltd., a Fornax Company, is a Business Process Management (BPM) company specializing in customer experience management, managed services, analytics, staffing solutions, and transaction processing, with a focus on delivering cost-effective and sustainable solutions

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