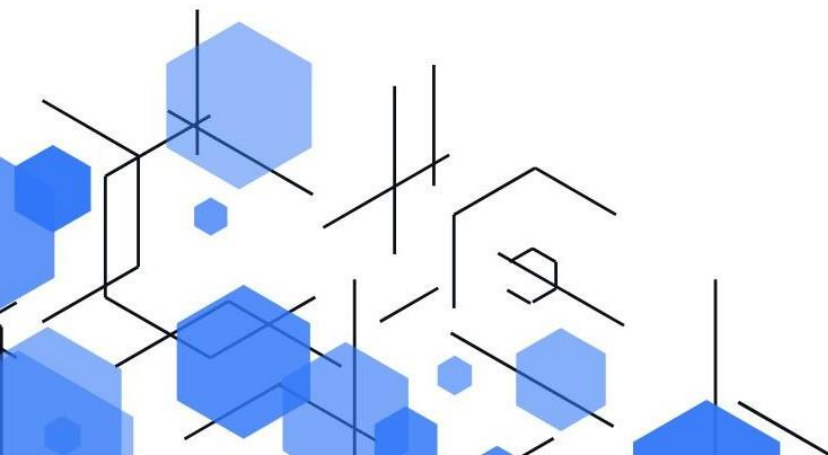


BPO Convergence

Monthly IT Evaluation & Testing Report

Monday, 31 March 2025



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ENGAGEMENT DETAILS:

ASSESSMENT SUMMARY

Engagement Timeframe	Airtel Process
Assessment ID	Airtel Inbound/Outbound
Application Type	Internal Network
Authors	Krishna Thakur
Penetration Tester	Anirban Baruah
Report Version	4.2
Last Update	02/04/2025

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.

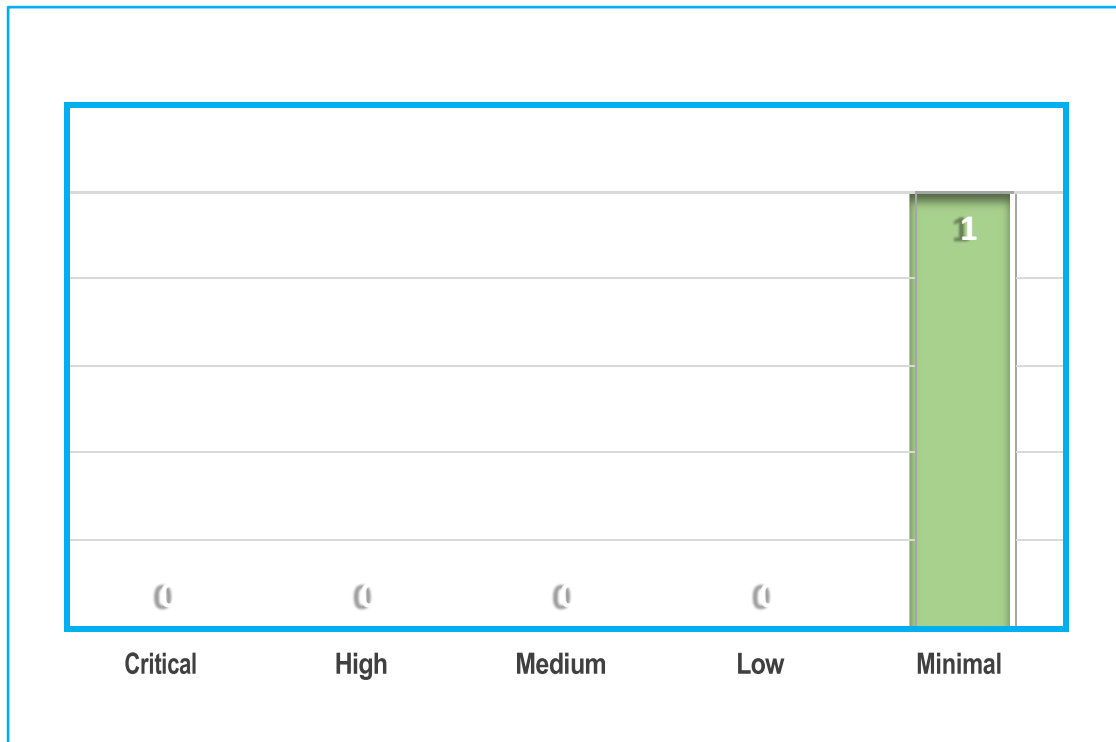
To evaluate the security of the network and network, IT team attempted to perform unauthorized transactions, obtain confidential information, and determine the overall security of the network by performing a wide variety of vulnerability checks.

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

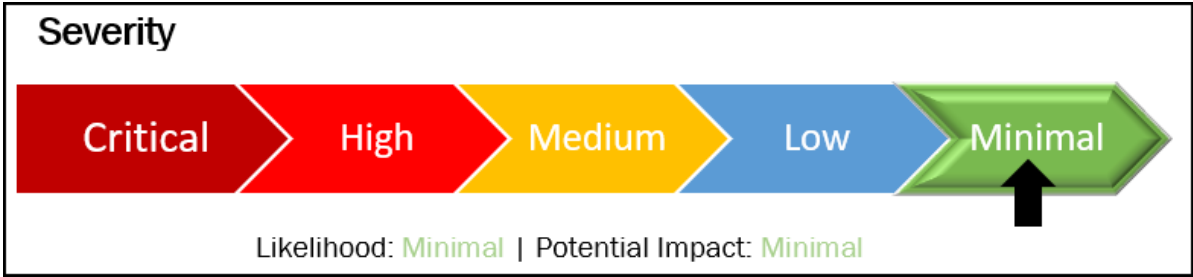
FINDINGS TABLE:

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 – GUWAHATI

Process - Airtel

Sl.No	Endpoint Name	Group	Policy	Domain	IP Address	MAC Address	Status	Virus Database Date
1	BPOCGHYPREOPS05	Guwahati	Guwahati	BPOCNV	10.141.112.61	B8-CA-3A-BE-A3-48	Online	02 Apr 2025 [08:27:51]
2	BPOCGHYVAS045	Guwahati	Guwahati	BPOCNV	10.141.112.116	F8-B1-56-C4-41-75	Online	02 Apr 2025 [08:27:51]
3	BPOCGHYPRE038	Guwahati	Guwahati	BPOCNV	10.141.112.51	C8-1F-66-37-9B-64	Online	02 Apr 2025 [08:27:51]
4	BPOCGHYPRE039	Guwahati	Guwahati	BPOCNV	10.141.112.52	C8-1F-66-37-66-6C	Online	02 Apr 2025 [08:27:51]
5	BPOCGHYNOUD004	Guwahati	Guwahati	BPOCNV	10.141.112.125	C8-1F-66-37-67-33	Online	02 Apr 2025 [08:27:51]
6	BPOCGHYVAS049	Guwahati	Guwahati	BPOCNV	10.141.112.117	90-B1-1C-9D-74-91	Online	02 Apr 2025 [08:27:51]
7	BPOCGHYPRE041	Guwahati	Guwahati	BPOCNV	10.141.112.54	C8-1F-66-37-70-CD	Online	02 Apr 2025 [08:27:51]
8	BPOCGHYNODU062	Guwahati	Guwahati	BPOCNV	10.141.112.105	C8-1F-66-3B-57-6E	Online	01 Apr 2025 [10:57:37]
9	BPOCGHYPRE001	Guwahati	Guwahati	BPOCNV	10.141.112.123	F8-B1-56-A1-4F-7F	Online	02 Apr 2025 [08:27:51]
10	BPOCGHYDTH036	Guwahati	Guwahati	BPOCNV	10.141.112.99	F8-B1-56-A7-2B-7D	Online	02 Apr 2025 [08:27:51]
11	BPOCGHYVAS053	Guwahati	Guwahati	BPOCNV	10.141.112.124	F8-B1-56-9C-3A-DB	Online	02 Apr 2025 [08:27:51]
12	BPOCGHYPRE035	Guwahati	Guwahati	BPOCNV	10.141.112.64	B8-CA-3A-BE-81-C1	Online	02 Apr 2025 [08:27:51]
13	BPOCGHYPRE005	Guwahati	Guwahati	BPOCNV	10.141.112.16	F8-B1-56-CB-90-AE	Online	02 Apr 2025 [08:27:51]

14	BPOCGHYPRE0006	Guwahati	Guwahati	BPOCNV	10.141.112.101	B8-CA-3A-91-D4-C1	Online	02 Apr 2025 [08:27:51]
15	BPOCGHYPRE004	Guwahati	Guwahati	BPOCNV	10.141.112.126	F8-B1-56-CB-94-9C	Online	02 Apr 2025 [08:27:51]
16	BPOCGHYDTH049	VAS_NODU	VAS	BPOCNV	10.141.112.63	B8-CA-3A-90-64-DC	Online	02 Apr 2025 [12:37:27]
17	BPOCGHTPRE015	Guwahati	Guwahati	BPOCNV	10.141.112.118	F8-B1-56-BF-9A-04	Online	012Apr 2025 [10:57:37]
18	BPOCGHYPRE027	Guwahati	Guwahati	BPOCNV	10.141.112.83	90-B1-1C-81-70-CE	Online	02 Apr 2025 [08:27:51]
19	BPOCGHYPRE016	Guwahati	Guwahati	BPOCNV	10.141.112.56	90-B1-1C-81-6C-BE	Online	02 Apr 2025 [08:27:51]
20	BPOCGHYDTH050	Guwahati	Guwahati	BPOCNV	10.141.112.108	C8-1F-66-3B-60-E5	Online	02 Apr 2025 [08:27:51]
21	BPOCGHYPRE002	Guwahati	Guwahati	BPOCNV	10.141.112.12	B8-CA-3A-91-DD-BA	Online	02 Apr 2025 [08:27:51]
22	BPOCGHYPRE017	Guwahati	Guwahati	BPOCNV	10.141.112.15	F8-B1-56-A1-43-B8	Online	02 Apr 2025 [08:27:51]
23	BPOCGHYPRE018	Guwahati	Guwahati	BPOCNV	10.141.112.120	90-B1-1C-81-8D-BA	Online	02 Apr 2025 [08:27:51]
24	BPOCGHYNODU015	OCAC	OCAC	BPOCNV	10.141.112.88	B8-CA-3A-7D-7E-BB	Online	02 Apr 2025 [12:37:27]
25	BPOCGHYPRE019	Guwahati	Guwahati	BPOCNV	10.141.112.17	F8-B1-56-AD-85-B7	Online	02 Apr 2025 [08:27:51]
26	BPOCGHYPRE020	Guwahati	Guwahati	BPOCNV	10.141.112.30	F8-B1-56-CB-92-82	Online	02 Apr 2025 [08:27:51]
27	BPOCGHYPRE021	Guwahati	Guwahati	BPOCNV	10.141.112.109	90-B1-1C-83-7A-7C	Online	02 Apr 2025 [08:27:51]
28	BPOCGHYPRE022	Guwahati	Guwahati	BPOCNV	10.141.112.10	B8-CA-3A-91-EA-CC	Online	02 Apr 2025 [08:27:51]
29	BPOCGHYPRE023	Guwahati	Guwahati	BPOCNV	10.141.112.111	90-B1-1C-81-73-87	Online	02 Apr 2025 [08:27:51]
30	BPOCGHYPRE025	Guwahati	Guwahati	BPOCNV	10.141.112.86	B8-CA-3A-91-E5-1F	Online	02 Apr 2025 [08:27:51]
31	BPOCGHYPRE026	Guwahati	Guwahati	BPOCNV	10.141.112.46	F8-B1-56-A1-4E-59	Online	02 Apr 2025 [08:27:51]
32	BPOCGHYPRE024	Guwahati	Guwahati	BPOCNV	10.141.112.114	F8-B1-56-A1-45-49	Online	02 Apr 2025 [08:27:51]
33	BPOCGHYPRE028	Guwahati	Guwahati	BPOCNV	10.141.112.18	F8-B1-56-A1-4A-8D	Online	02 Apr 2025 [08:27:51]
34	BPOCGHYPRE029	Guwahati	Guwahati	BPOCNV	10.141.112.65	F8-B1-56-99-43-0B	Online	02 Apr 2025 [08:27:51]
35	BPOCGHYNODU006 0	Guwahati	Guwahati	BPOCNV	10.141.112.115	78-45-C4-25-B6-93	Online	02 Apr 2025 [08:27:51]
36	BPOCGHYDTH004	Guwahati	Guwahati	BPOCNV	10.141.112.22	F8-B1-56-A1-4E-31	Online	02 Apr 2025 [08:27:51]
37	BPOCGHYNODU065	VAS_NODU	VAS	BPOCNV	10.141.112.84	B8-CA-3A-84-BA-E9	Online	02 Apr 2025 [08:27:51]
38	BPOCGHYVAS046	Guwahati	Guwahati	BPOCNV	10.141.112.97	F8-B1-56-B7-5C-00	Online	02 Apr 2025 [08:27:51]
39	BPOCGHYVAS047	Guwahati	Guwahati	BPOCNV	10.141.112.113	78-45-C4-25-B6-E2	Online	02 Apr 2025 [08:27:51]
40	BPOCGHYDTH021	Guwahati	Guwahati	BPOCNV	10.141.112.38	F8-B1-56-A1-56-B5	Online	02 Apr 2025 [08:27:51]
41	BPOCGHYPRE030	Guwahati	Guwahati	BPOCNV	10.141.112.70	F8-B1-56-BF-C0-27	Online	02 Apr 2025 [08:27:51]
42	BPOCGHYPRE031	Guwahati	Guwahati	BPOCNV	10.141.112.55	F8-B1-56-A7-36-45	Online	02 Apr 2025 [08:27:51]
43	BPOCGHYPRE032	Guwahati	Guwahati	BPOCNV	10.141.112.19	F8-B1-56-A1-43-46	Online	02 Apr 2025 [08:27:51]
44	BPOCGHYPRE046	Guwahati	Guwahati	BPOCNV	10.141.112.112	B8-CA-3A-B3-0C-13	Online	02 Apr 2025 [08:27:51]
45	BPOCGHYPRE045	Guwahati	Guwahati	BPOCNV	10.141.112.110	B8-CA-3A-73-0B-2B	Online	02 Apr 2025 [08:27:51]
46	BPOCGHYPRE033	Guwahati	Guwahati	BPOCNV	10.141.112.20	B8-CA-3A-91-EC-A0	Online	02 Apr 2025 [08:27:51]
47	BPOCGHYPRE044	Guwahati	Guwahati	BPOCNV	10.141.112.62	B8-CA-3A-90-20-33	Online	02 Apr 2025 [08:27:51]
48	BPOCGHYPRE007	Guwahati	Guwahati	BPOCNV	10.141.112.11	F8-B1-56-A1-3F-FC	Online	02 Apr 2025 [08:27:51]
49	BPOCGHYPRE042	Guwahati	Guwahati	BPOCNV	10.141.112.58	B8-CA-3A-98-54-3E	Online	02 Apr 2025 [08:27:51]
50	BPOCGHYPRE009	Guwahati	Guwahati	BPOCNV	10.141.112.66	B8-CA-3A-91-9B-E2	Online	02 Apr 2025 [08:27:51]
51	BPOCGHYNODU006	Guwahati	Guwahati	BPOCNV	10.141.112.102	18-03-73-32-88-DE	Online	02 Apr 2025 [08:27:51]
52	BPOCGHYPRE040	Guwahati	Guwahati	BPOCNV	10.141.112.53	C8-1F-66-10-B7-8A	Online	02 Apr 2025 [08:27:51]
53	BPOCGHYPRE010	Guwahati	Guwahati	BPOCNV	10.141.112.74	F8-B1-56-A1-44-F1	Online	02 Apr 2025 [08:27:51]
54	BPOCGHYPRE034	Guwahati	Guwahati	BPOCNV	10.141.112.100	F8-B1-56-BF-9D-EB	Online	02 Apr 2025 [08:27:51]
55	BPOCGHYPRE011	Guwahati	Guwahati	BPOCNV	10.141.112.119	90-B1-1C-81-73-1E	Online	02 Apr 2025 [08:27:51]
56	BPOCGHYPRE036	Guwahati	Guwahati	BPOCNV	10.141.112.67	B8-CA-3A-91-E8-3A	Online	02 Apr 2025 [08:27:51]
57	BPOCGHYPRE013	Guwahati	Guwahati	BPOCNV	10.141.112.122	90-B1-1C-81-8E-75	Online	02 Apr 2025 [08:27:51]
58	BPOCGHYPRE043	Guwahati	Guwahati	BPOCNV	10.141.112.60	C8-1F-66-3B-5F-55	Online	02 Apr 2025 [08:27:51]
59	BPOCGHYPREOPS04	Guwahati	Guwahati	BPOCNV	10.141.112.96	F8-B1-56-BF-BD-C8	Online	02 Apr 2025 [08:27:51]

60	BPOCGHYVAS050	Guwahati	Guwahati	BPOCNV	10.141.112.104	90-B1-1C-99-C8-C1	Online	02 Apr 2025 [08:27:51]
61	BPOCGHYPREOPS01	Guwahati	Guwahati	BPOCNV	10.141.112.94	90-B1-1C-83-8F-5D	Online	02 Apr 2025 [08:27:51]
62	BPOCGHYPREOPS02	VAS_NODU	VAS	BPOCNV	10.141.112.121	F8-B1-56-A1-49-75	Online	02 Apr 2025 [12:37:27]
63	BPOCGHYPREOPS06	T_T	TT	BPOCNV	10.141.112.98	F8-B1-56-A1-40-29	Online	02 Apr 2025 [12:37:27]
64	BPOCGHYDTH001	Guwahati	Guwahati	BPOCNV	10.141.112.13	90-B1-1C-83-90-31	Online	02 Apr 2025 [08:27:51]
65	BPOCGHYDTH002	Guwahati	Guwahati	BPOCNV	10.141.112.14	F8-B1-56-A1-3E-2E	Online	02 Apr 2025 [08:27:51]
66	BPOCGHYDTH011	Guwahati	Guwahati	BPOCNV	10.141.112.28	F8-B1-56-A1-47-A1	Online	02 Apr 2025 [08:27:51]
67	BPOCGHYDTH003	Guwahati	Guwahati	BPOCNV	10.141.112.21	90-B1-1C-81-71-DD	Online	02 Apr 2025 [12:37:27]
68	BPOCGHYDTH041	T_T	TT	BPOCNV	10.141.112.73	B8-CA-3A-8B-BD-B5	Online	02 Apr 2025 [08:27:51]
69	BPOCGHYDTH005	Guwahati	Guwahati	BPOCNV	10.141.112.208	F8-B1-56-A7-AD-81	Online	02 Apr 2025 [08:27:51]
70	BPOCGHYDTH042	Guwahati	Guwahati	BPOCNV	10.141.112.75	34-17-EB-CD-1F-8D	Online	02 Apr 2025 [08:27:51]
71	BPOCGHYDTH007	Guwahati	Guwahati	BPOCNV	10.141.112.24	F8-B1-56-CB-92-4E	Online	02 Apr 2025 [08:27:51]
72	BPOCGHYDTH035	Guwahati	Guwahati	BPOCNV	10.141.112.59	F8-B1-56-AD-86-61	Online	02 Apr 2025 [08:27:51]
73	BPOCGHYDTH009	Guwahati	Guwahati	BPOCNV	10.141.112.26	90-B1-1C-81-70-70	Online	02 Apr 2025 [08:27:51]
74	BPOCGHYDTH010	Guwahati	Guwahati	BPOCNV	10.141.112.27	B8-CA-3A-91-E7-E4	Online	02 Apr 2025 [08:27:51]
75	BPOCGHYDTH037	Guwahati	Guwahati	BPOCNV	10.141.112.68	90-B1-1C-83-87-B0	Online	02 Apr 2025 [08:27:51]
76	BPOCGHYDTH038	Guwahati	Guwahati	BPOCNV	10.141.112.69	F8-B1-56-A1-54-4F	Online	02 Apr 2025 [08:27:51]
77	BPOGHYDTH012	Guwahati	Guwahati	BPOCNV	10.141.112.29	F8-B1-56-A1-45-28	Online	02 Apr 2025 [08:27:51]
78	BPOCGHYDTH013	Guwahati	Guwahati	BPOCNV	10.141.112.31	B8-CA-3A-91-E4-83	Online	02 Apr 2025 [08:27:51]
79	BPOCGHYDTH014	Guwahati	Guwahati	BPOCNV	10.141.112.32	B8-CA-3A-91-D6-38	Online	02 Apr 2025 [08:27:51]
80	BPOCGHYDTH018	Guwahati	Guwahati	BPOCNV	10.141.112.199	90-B1-1C-81-6B-3D	Online	02 Apr 2025 [08:27:51]
81	BPOCGHYDTH017	Guwahati	Guwahati	BPOCNV	10.141.112.35	F8-B1-56-CB-98-8F	Online	02 Apr 2025 [08:27:51]
82	BPOCGHYDTH016	Guwahati	Guwahati	BPOCNV	10.141.112.34	90-B1-1C-81-71-4E	Online	02 Apr 2025 [08:27:51]
83	BPOCGHYDTH015	Guwahati	Guwahati	BPOCNV	10.141.112.33	F8-B1-56-A1-48-4F	Online	02 Apr 2025 [08:27:51]
84	BPOCGHYDTHOPS01	Guwahati	Guwahati	BPOCNV	10.141.112.216	90-B1-1C-83-88-DA	Online	02 Apr 2025 [08:27:51]
85	BPOCGHYDTH020	Guwahati	Guwahati	BPOCNV	10.141.112.37	F8-B1-56-A1-4E-A1	Online	02 Apr 2025 [08:27:51]
86	BPOCGHYDTH019	Guwahati	Guwahati	BPOCNV	10.141.112.36	90-B1-1C-83-90-59	Online	02 Apr 2025 [08:27:51]
87	BPOCGHYDTH006	Guwahati	Guwahati	BPOCNV	10.141.112.23	A4-1F-72-75-F0-95	Online	02 Apr 2025 [12:37:27]
88	BPOCGHYDTH040	Guwahati	Guwahati	BPOCNV	10.141.112.72	F8-B1-56-9F-59-77	Online	02 Apr 2025 [08:27:51]
89	BPOCGHYDTH039	Guwahati	Guwahati	BPOCNV	10.141.112.71	B8-CA-3A-91-EA-46	Online	02 Apr 2025 [08:27:51]
90	BPOCGHYDTHOPS03	T_T	TT	BPOCNV	10.141.112.220	B8-CA-3A-91-D9-E4	Online	02 Apr 2025 [08:27:51]
91	BPOCGHYDTH008	Guwahati	Guwahati	BPOCNV	10.141.112.25	F8-B1-56-A1-47-09	Online	02 Apr 2025 [08:27:51]
92	BPOCGHYDTH043	Guwahati	Guwahati	BPOCNV	10.141.112.76	F8-B1-56-A1-DA-D5	Online	02 Apr 2025 [08:27:51]
93	BPOCGHYDTH046	Guwahati	Guwahati	BPOCNV	10.141.112.79	18-03-73-37-46-E6	Online	02 Apr 2025 [08:27:51]
94	BPOCGHYDTH024	Guwahati	Guwahati	BPOCNV	10.141.112.40	F8-B1-56-BF-C0-08	Online	02 Apr 2025 [08:27:51]
95	BPOCGHYDTH034	Guwahati	Guwahati	BPOCNV	10.141.112.50	90-B1-1C-81-32-DC	Online	02 Apr 2025 [08:27:51]
96	BPOCGHYDTH023	Guwahati	Guwahati	BPOCNV	10.141.112.39	90-B1-1C-81-6A-A5	Online	02 Apr 2025 [08:27:51]
97	BPOCGHYDTH022	Guwahati	Guwahati	BPOCNV	10.141.112.214	90-B1-1C-81-71-48	Online	02 Apr 2025 [08:27:51]
98	BPOCGHYDTH030	Guwahati	Guwahati	BPOCNV	10.141.112.47	F8-B1-56-A1-43-74	Online	02 Apr 2025 [08:27:51]
99	BPOCGHYDTH044	Guwahati	Guwahati	BPOCNV	10.141.112.77	F8-B1-56-BF-85-12	Online	02 Apr 2025 [00:02:14]
100	BPOCGHYDTH029	Guwahati	Guwahati	BPOCNV	10.141.112.45	B8-CA-3A-9B-33-A7	Online	02 Apr 2025 [08:27:51]
101	BPOCGHYDTH028	Guwahati	Guwahati	BPOCNV	10.141.112.44	90-B1-1C-83-88-FF	Online	02 Apr 2025 [08:27:51]
102	BPOCGHYDTH027	Guwahati	Guwahati	BPOCNV	10.141.112.43	B8-CA-3A-91-D7-EA	Online	02 Apr 2025 [08:27:51]
103	BPOCGHYDTH026	Default	Default	BPOCNV	10.141.112.42	90-B1-1C-81-6B-E5	Online	02 Apr 2025 [08:27:51]
104	BPOCGHYDTH047	Guwahati	Guwahati	BPOCNV	10.141.112.80	B8-CA-3A-BE-6C-8E	Online	02 Apr 2025 [08:27:51]
105	BPOCGHYDTH032	Guwahati	Guwahati	BPOCNV	10.141.112.48	90-B1-1C-83-79-DE	Online	02 Apr 2025 [08:27:51]

106	BPOCGHYDTH033	Guwahati	Guwahati	BPOCNV	10.141.112.49	90-B1-1C-68-D6-BC	Online	02 Apr 2025 [08:27:51]
107	BPOCGHYDTH025	Guwahati	Guwahati	BPOCNV	10.141.112.41	B8-CA-3A-91-E2-87	Online	02 Apr 2025 [08:27:51]
108	BPOCGHYDTH045	Guwahati	Guwahati	BPOCNV	10.141.112.78	78-45-C4-43-D7-89	Online	02 Apr 2025 [08:27:51]
109	BPOCGHYDTHOPS02	Guwahati	Guwahati	BPOCNV	10.141.112.203	90-B1-1C-83-7A-B2	Online	02 Apr 2025 [08:27:51]
110	BPOCGHYTV008	Guwahati	Guwahati	BPOCNV	10.141.112.213	B8-CA-3A-91-E2-45	Online	02 Apr 2025 [08:27:51]
111	BPOCGHYTV009	Guwahati	Guwahati	BPOCNV	10.141.112.93	F8-B1-56-A1-54-D5	Online	02 Apr 2025 [08:27:51]
112	BPOCGHYTV002	Guwahati	Guwahati	BPOCNV	10.141.112.91	90-B1-1C-81-72-38	Online	02 Apr 2025 [08:27:51]
113	BPOCGHYTV005	Guwahati	Guwahati	BPOCNV	10.141.112.210	F8-B1-56-BF-BA-50	Online	02 Apr 2025 [08:27:51]
114	BPOCGHYTV007	Guwahati	Guwahati	BPOCNV	10.141.112.212	C8-1F-66-3B-58-1E	Online	02 Apr 2025 [08:27:51]
115	BPOCGHYTV004	Guwahati	Guwahati	BPOCNV	10.141.112.221	90-B1-1C-81-99-E6	Online	02 Apr 2025 [08:27:51]
116	BPOCGHYDTH048	Guwahati	Guwahati	BPOCNV	10.141.112.81	B8-CA-3A-91-EB-A3	Online	02 Apr 2025 [08:27:51]
117	BPOCGHYTV003	Guwahati	Guwahati	BPOCNV	10.141.112.202	B8-CA-3A-91-E0-8D	Online	02 Apr 2025 [08:27:51]
118	BPOCGHYTV006	Guwahati	Guwahati	BPOCNV	10.141.112.103	F8-B1-56-A1-54-A0	Online	02 Apr 2025 [08:27:51]
119	BPOCGHYTV001	Guwahati	Guwahati	BPOCNV	10.141.112.89	F8-B1-56-A1-40-EE	Online	02 Apr 2025 [08:27:51]
120	BPOCGHYTVOPS01	Guwahati	Guwahati	BPOCNV	10.141.112.90	90-B1-1C-83-88-BD	Online	02 Apr 2025 [08:27:51]
121	BPOCGHYVASLAB	HYD_Team s	HYD_Team s	BPOCNV	10.141.112.95	B8-CA-3A-95-37-C5	Online	02 Apr 2025 [12:37:27]
122	BPOCGHYQA007	Guwahati	Guwahati	BPOCNV	10.141.112.201	C8-1F-66-3B-59-D1	Online	02 Apr 2025 [08:27:51]
123	BPOCGHYPRE008	Guwahati	Guwahati	BPOCNV	10.141.112.57	F8-B1-56-BF-BC-69	Online	02 Apr 2025 [08:27:51]
124	BPOCGHYQA03	Guwahati	Guwahati	BPOCNV	10.141.112.82	F8-B1-56-BA-90-36	Online	02 Apr 2025 [08:27:51]
125	BPOCGHYQA01	Guwahati	Guwahati	BPOCNV	10.141.112.217	F8-B1-56-A1-57-A5	Online	02 Apr 2025 [00:02:14]
126	BPOCGHYQA02	Guwahati	Guwahati	BPOCNV	10.141.112.209	90-B1-1C-83-89-0B	Online	02 Apr 2025 [08:27:51]
127	BPOCGHYQA004	Guwahati	Guwahati	BPOCNV	10.141.112.85	F8-B1-56-A2-08-05	Online	02 Apr 2025 [08:27:51]
128	BPOCGHYQA05	Default	Default	BPOCNV	10.141.112.87	F8-B1-56-A1-44-65	Online	02 Apr 2025 [08:27:51]
129	BPOCGHYHUDDLE	Default	Default	BPOCNV	10.141.112.92	90-B1-1C-9C-2B-99	Online	02 Apr 2025 [12:37:27]
130	BPOCGHYMISPC	Guwahati	Guwahati	BPOCNV	10.141.112.107	F8-B1-56-CB-96-E5	Online	15 Dec 2024 [00:03:16]
131	BPOCGHYVASLAP	T_T	TT	BPOCNV	10.141.113.15	28-D2-44-16-6D-24	Online	09 Dec 2024 [00:02:27]
132	BPOCGHYTRA001	Guwahati	Guwahati	BPOCNV	10.141.112.131	34-17-EB-B1-42-17	Online	02 Apr 2025 [00:02:14]
133	BPOCGHYTRA002	Guwahati	Guwahati	BPOCNV	10.141.112.132	B8-CA-3A-84-C9-C1	Online	02 Apr 2025 [08:27:51]
134	BPOCGHYTRA003	Guwahati	Guwahati	BPOCNV	10.141.112.133	B8-CA-3A-98-C3-4A	Online	02 Apr 2025 [08:27:51]
135	BPOCGHYTRA004	Guwahati	Guwahati	BPOCNV	10.141.112.134	34-17-EB-E2-32-53	Online	02 Apr 2025 [00:02:14]
136	BPOCGHYTRA005	Guwahati	Guwahati	BPOCNV	10.141.112.135	90-B1-1C-96-CB-09	Online	02 Apr 2025 [08:27:51]
137	BPOCGHYTRA006	Guwahati	Guwahati	BPOCNV	10.141.112.136	90-B1-1C-71-BF-CA	Online	02 Apr 2025 [08:27:51]
138	BPOCGHYTRA007	Guwahati	Guwahati	BPOCNV	10.141.112.137	98-90-96-9D-CF-A7	Online	02 Apr 2025 [00:02:14]
139	BPOCGHYTRA008	Guwahati	Guwahati	BPOCNV	10.141.112.138	F8-B1-56-E2-C5-3D	Online	02 Apr 2025 [00:02:14]
140	BPOCGHYTRA009	Guwahati	Guwahati	BPOCNV	10.141.112.139	34-17-EB-AF-E7-DA	Online	02 Apr 2025 [00:02:14]
141	BPOCGHYTRA010	Guwahati	Guwahati	BPOCNV	10.141.112.140	34-17-EB-D4-47-22	Online	02 Apr 2025 [00:02:14]
142	BPOCGHYTRA011	Guwahati	Guwahati	BPOCNV	10.141.112.141	B8-CA-3A-87-56-D7	Online	02 Apr 2025 [00:02:14]
143	BPOCGHYTRA012	Guwahati	Guwahati	BPOCNV	10.141.112.142	B8-CA-3A-77-0D-68	Online	02 Apr 2025 [00:02:14]
144	BPOCGHYTRA013	Guwahati	Guwahati	BPOCNV	10.141.112.143	B8-CA-3A-AA-38-1E	Online	02 Apr 2025 [00:02:14]
145	BPOCGHYTRA014	Guwahati	Guwahati	BPOCNV	10.141.112.144	C8-1F-66-3D-6D-1A	Online	02 Apr 2025 [00:02:14]
146	BPOCGHYTRA015	Guwahati	Guwahati	BPOCNV	10.141.112.145	B8-CA-3A-72-C4-13	Online	02 Apr 2025 [08:27:51]
147	BPOCGHYTRA016	Guwahati	Guwahati	BPOCNV	10.141.112.146	90-B1-1C-94-DA-7E	Online	02 Apr 2025 [00:02:14]
148	BPOCGHYTRA017A	Guwahati	Guwahati	BPOCNV	10.141.112.147	B8-CA-3A-82-DD-26	Online	02 Apr 2025 [00:02:14]
149	BPOCGHYTRA018	HYD_Zoom	HYD_Zoom	BPOCNV	10.141.112.148	18-03-73-3D-25-9F	Online	02 Apr 2025 [12:37:27]
150	BPOCGHYTRA019	Guwahati	Guwahati	BPOCNV	10.141.112.149	90-B1-1C-67-CC-52	Online	02 Apr 2025 [00:02:14]
151	BPOCGHYTRA020	Guwahati	Guwahati	BPOCNV	10.141.112.150	34-17-EB-C4-6B-D7	Online	02 Apr 2025 [00:02:14]

152	BPOCGHYTRA021	Guwahati	Guwahati	BPOCNV	10.141.112.151	B8-CA-3A-76-F9-F1	Online	02 Apr 2025 [00:02:14]
153	BPOCGHYTRA022	Guwahati	Guwahati	BPOCNV	10.141.112.152	90-B1-1C-6E-0E-71	Online	02 Apr 2025 [00:02:14]
154	BPOCGHYTRA023	Guwahati	Guwahati	BPOCNV	10.141.112.153	B8-CA-3A-A5-2A-74	Online	02 Apr 2025 [08:27:51]
155	BPOCGHYTRA024	Guwahati	Guwahati	BPOCNV	10.141.112.154	18-03-73-3D-D7-41	Online	02 Apr 2025 [00:02:14]
156	BPOCGHYTRA025	Guwahati	Guwahati	BPOCNV	10.141.112.155	F8-B1-56-B5-1F-38	Online	02 Apr 2025 [00:02:14]
157	BPOCGHYTRA026	Guwahati	Guwahati	BPOCNV	10.141.112.156	34-17-EB-B9-85-D3	Online	02 Apr 2025 [00:02:14]
158	BPOCGHYTRA027	Guwahati	Guwahati	BPOCNV	10.141.112.157	B8-CA-3A-85-29-D4	Online	02 Apr 2025 [00:02:14]
159	BPOCGHYTRA028	Guwahati	Guwahati	BPOCNV	10.141.112.158	B8-CA-3A-AA-D9-4B	Online	02 Apr 2025 [00:02:14]
160	BPOCGHYTRA029	Bajaj Guw	Bajaj_Guw	BPOCNV	10.141.112.159	B8-CA-3A-96-8A-B1	Online	02 Apr 2025 [00:02:14]
161	BPOCGHYTRA030	Guwahati	Guwahati	BPOCNV	10.141.112.160	B8-CA-3A-84-58-19	Online	02 Apr 2025 [00:02:14]
162	BPOCGHYTRA031	Guwahati	Guwahati	BPOCNV	10.141.112.161	F8-B1-56-A0-D8-E0	Online	02 Apr 2025 [00:02:14]
163	BPOCGHYTRA032	Guwahati	Guwahati	BPOCNV	10.141.112.162	34-17-EB-A7-13-C8	Online	02 Apr 2025 [00:02:14]
164	BPOCGHYTRA033	Guwahati	Guwahati	BPOCNV	10.141.112.163	C8-1F-66-3B-50-99	Online	02 Apr 2025 [00:02:14]
165	BPOCGHYTRA034	Guwahati	Guwahati	BPOCNV	10.141.112.164	F8-B1-56-A1-DA-D6	Online	02 Apr 2025 [08:27:51]
166	BPOCGHYTRA035	Guwahati	Guwahati	BPOCNV	10.141.112.165	34-17-EB-BB-A2-FF	Online	02 Apr 2025 [00:02:14]
167	BPOCGHYTRA036	Guwahati	Guwahati	BPOCNV	10.141.112.166	F8-B1-56-A1-DB-3E	Online	02 Apr 2025 [00:02:14]
168	BPOCGHYITPC	IT_BPOC	IT_BPOC	BPOCNV	192.168.1.120	F8-B1-56-BA-4D-B6	Roaming	02 Apr 2025 [12:37:27]
169	BPOCGHYHRPC02	BBSR	BBSR	WORKGROUP	192.168.1.136	00-26-B9-8A-54-52	Roaming	02 Apr 2025 [12:37:27]

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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