CNEXT SECURITY SERVICES · FINDINGS REPORT · ONE-OFF

Entra Connect findings report

CUSTOMER
Muster AG, Bern (fictional)

SERVER
SRV-AADC01, Windows Server 2016, Entra Connect 2.1.20.0

ANALYSED ON
15 October 2026

SIGN-IN METHOD
Password hash synchronisation, seamless SSO

2	4	5	0
critical findings	high findings	medium findings	staging servers

When you receive this document: After the analysis, before implementation.

Summary

Synchronisation runs without errors, but on a version Microsoft has not supported since 2024, on a server shared with the file service where eight people hold local admin rights. There is no staging server and no alert when the service stops. The sign-in method is the right choice and stays.

Findings by severity

NO.	FINDING	SEVERITY	RECOMMENDATION
EC-01	Entra Connect 2.1.20.0, retired by Microsoft; mandatory upgrade to 2.6.84.0 or later by 7 April 2027	**Critical**	New server with the current version, swing migration through staging
EC-02	Server shares the operating system with the file service; 8 local admins	**Critical**	Dedicated Tier 0 server, two named admins
EC-03	No staging server, no rehearsed failover	**High**	Second server in staging mode, switch-over rehearsed
EC-04	No alert on sync errors or stalls	**High**	Connect Health with alerts to the IT mailbox and a Teams channel
EC-05	TLS 1.0 and 1.1 active on the server	**High**	Enforce TLS 1.2, with the upgrade
EC-07	Accidental deletion threshold at the default 500, with 184 users	**Medium**	Set to 40 objects

Synchronisation rules

- The OUs Users, Groups and Devices are synchronised; the OU Service Accounts is filtered. Three admin accounts sit outside it and are synchronised: EC-08, medium.
- No custom rules. Cloud Sync would be an option for Muster AG; the decision is taken with the plan of measures.

Next steps

Review on 22 October 2026 with the decision Entra Connect or Cloud Sync; then the plan of measures.

Every name, system and number in this document is invented. Your report contains your environment on the day of the check.