

Northwind Traders



PREPARED BY
Harbour IT

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MICROSOFT 365 TENANT
northwindtraders.onmicrosoft.com

Failed and successful sign-ins over the last week by account, country and app: password guessing, unusual countries, sign-ins without MFA and risky sign-ins.

Filtered view. Successful sign-ins without MFA: 33 of 33 rows, 1 column hidden. Every account: 3 of 37 rows, Succeeded is 11. The headline figures cover every row.

Sign-ins

389

Interactive, last 7 days, by 37 accounts



Failure rate

9%

31 failed sign-ins; 34 MFA or other prompts not counted

Repeated failures

1

Accounts with 5+ failed sign-ins



Countries

6

3 countries unusual for this tenant

Unusual countries

13

Accounts that signed in from one

Without MFA

101

Successful sign-ins by 33 accounts



Not checked. Risky sign-ins need Entra ID P2 (Identity Protection, included in Microsoft 365 E5 or as an add-on); without it Microsoft hides sign-in risk.

Accounts with repeated failures 1 1 to review

Accounts that failed to sign in 5 or more times in the last 7 days (MFA and other prompts aren't counted). Many wrong passwords from several addresses or countries is someone guessing the password. If the person didn't make them, make sure MFA is enforced for the account and check any success that followed.

Flag	Account	Failed	Wrong password	Locked out	Succeeded	Addresses	Countries	Last failure (UTC)	Last failure reason
● High	robert.hughes@northwindtraders.example	9	8	1	0	3	RU, GB, BR	9 Oct 2026, 09:00	Account is disabled

Addresses with many failures 2 2 to review

Addresses that failed against several accounts, or 5 or more times. One address trying 5 or more accounts is password spraying. Successful sign-ins from the same address can be the office's own internet connection (people mistyping), or a guess that worked: check which.

Flag	IP address	Failed sign-ins	Wrong password	Accounts tried	Accounts	Countries	Successful sign-ins from here	Last failure (UTC)
● High	203.0.113.66	5	4	5	nobody@northwindtraders.example, g#EXT#@northwindtraders.example, info@northwindtraders.example, robert.hughes@northwindtraders.example, ann.patel@northwindtraders.example	BR	0	7 Oct 2026, 23:04
● Medium	198.51.100.7	7	7	1	robert.hughes@northwindtraders.example	RU	0	8 Oct 2026, 02:20

Successful sign-ins from unusual countries 13 13 to review

Countries with less than 5% of the tenant's successful sign-ins, other than the main one. Travel explains most. If the person doesn't recognise one, someone else has their password (and got past any MFA): reset it and sign them out everywhere.

Flag	Account	Country	Successful sign-ins	Failed	Cities	IP addresses	Apps	Last success (UTC)
● Medium	ann.patel@northwindtraders.example	FR	1	0	Paris	198.51.100.40	Office 365 SharePoint Online	9 Oct 2026, 21:40

Flag	Account	Country	Successful sign-ins	Failed	Cities	IP addresses	Apps	Last success (UTC)
● Medium	george.robinson@northwindtraders.example	FR	1	0	London	203.0.113.22	Microsoft Office	7 Oct 2026, 16:41
● Medium	megan.lee@northwindtraders.example	FR	1	0	London	203.0.113.13	Office 365 Exchange Online	7 Oct 2026, 10:13
● Medium	grace.wilson@northwindtraders.example	IE	2	0	London	203.0.113.18	Office 365 Exchange Online, Microsoft Office	9 Oct 2026, 11:18
● Medium	isla.evans@northwindtraders.example	IE	1	0	London	203.0.113.30	Microsoft Teams	5 Oct 2026, 14:56
● Medium	leo.evans@northwindtraders.example	IE	1	0	London	203.0.113.20	Microsoft Office	7 Oct 2026, 07:29
● Medium	mia.hughes@northwindtraders.example	IE	1	0	London	203.0.113.26	Office 365 Exchange Online	6 Oct 2026, 15:50
● Medium	owen.white@northwindtraders.example	IE	1	0	London	203.0.113.15	Office 365 SharePoint Online	9 Oct 2026, 10:43
● Medium	amelia.watson@northwindtraders.example	US	1	0	London	203.0.113.21	Office 365 Exchange Online	9 Oct 2026, 10:43
● Medium	george.roberts@northwindtraders.example	US	1	0	London	203.0.113.41	Microsoft Office	9 Oct 2026, 18:02
● Medium	owen.taylor@northwindtraders.example	US	1	0	London	203.0.113.31	Microsoft Teams	9 Oct 2026, 07:51
● Medium	rhys.clark@northwindtraders.example	US	1	0	London	203.0.113.36	Office 365 Exchange Online	7 Oct 2026, 07:05
● Medium	rhys.moore@northwindtraders.example	US	1	0	London	203.0.113.27	Microsoft Teams	8 Oct 2026, 12:15

Successful sign-ins without MFA 33 1 to review

Successful sign-ins that needed only a password. Conditional Access exclusions, trusted locations and apps a policy doesn't cover show up here; the MFA coverage report shows why each account isn't asked. Flagged: accounts that never used MFA in this period.

Flag	Account	Without MFA	With MFA	Countries	Last success (UTC)
● Low	grace.wilson@northwindtraders.example	6	8	GB, IE	9 Oct 2026, 11:18
● Low	mia.hughes@northwindtraders.example	6	5	GB, IE	9 Oct 2026, 16:44
● Low	alfie.roberts@northwindtraders.example	5	3	GB	9 Oct 2026, 17:34
● Low	george.robinson@northwindtraders.example	5	6	GB, FR	9 Oct 2026, 15:32
● Low	leo.wright@northwindtraders.example	5	8	GB	9 Oct 2026, 18:47
● Low	maya.martin@northwindtraders.example	5	7	GB	9 Oct 2026, 12:41
● Low	thomas.clarke@northwindtraders.example	5	4	GB, FR	7 Oct 2026, 11:40
● Low	ann.patel@northwindtraders.example	4	32	GB, FR, RU, BR	11 Oct 2026, 16:15
● Low	olivia.scott@northwindtraders.example	4	4	GB	9 Oct 2026, 12:07
● Low	owen.white@northwindtraders.example	4	6	GB, IE	9 Oct 2026, 12:32
● Low	ruby.hill@northwindtraders.example	4	6	GB	10 Oct 2026, 12:57
● Low	alfie.scott@northwindtraders.example	3	7	GB	11 Oct 2026, 15:29
● Low	arthur.evans@northwindtraders.example	3	4	GB, IE	9 Oct 2026, 08:24
● Low	ella.baker@northwindtraders.example	3	5	GB	10 Oct 2026, 09:03
● Low	harry.lee@northwindtraders.example	3	5	GB	9 Oct 2026, 16:25
● Low	isla.evans@northwindtraders.example	3	7	GB, IE	9 Oct 2026, 17:48
● Low	leo.evans@northwindtraders.example	3	7	GB, IE	9 Oct 2026, 09:57

Flag	Account	Without MFA	With MFA	Countries	Last success (UTC)
● Low	leo.morris@northwindtraders.example	3	5	GB	9 Oct 2026, 17:53
● Low	rhys.moore@northwindtraders.example	3	6	GB, US	10 Oct 2026, 07:16
● Low	ruby.taylor@northwindtraders.example	3	7	GB	8 Oct 2026, 13:26
● Low	amelia.watson@northwindtraders.example	2	8	GB, US	9 Oct 2026, 10:43
● Low	ethan.green@northwindtraders.example	2	4	GB	9 Oct 2026, 14:19
● Low	george.roberts@northwindtraders.example	2	9	GB, US	9 Oct 2026, 18:06
● Low	grace.taylor@northwindtraders.example	2	7	GB	9 Oct 2026, 18:16
● Low	hannah.robinson@northwindtraders.example	2	8	GB	9 Oct 2026, 15:55
● Medium	info@northwindtraders.example	2	0	GB, BR	11 Oct 2026, 12:00
● Low	owen.taylor@northwindtraders.example	2	5	GB, US	9 Oct 2026, 07:51
● Low	rhys.clark@northwindtraders.example	2	5	GB, US	9 Oct 2026, 17:35
● Low	jacob.hughes@northwindtraders.example	1	6	GB	9 Oct 2026, 17:26
● Low	megan.lee@northwindtraders.example	1	7	GB, FR	9 Oct 2026, 17:59
● Low	olivia.smith@northwindtraders.example	1	5	GB	10 Oct 2026, 14:16
● Low	sophie.smith@northwindtraders.example	1	5	GB	9 Oct 2026, 18:26
● Low	zara.jackson@northwindtraders.example	1	7	GB	7 Oct 2026, 12:23

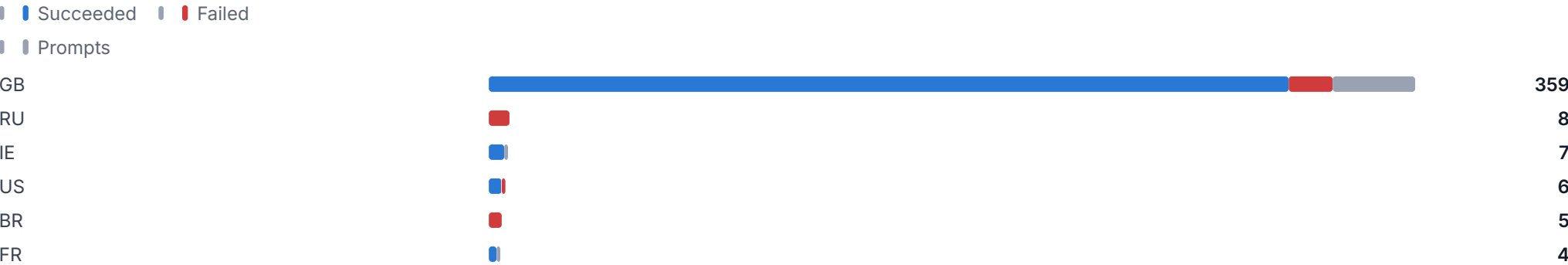
Failure reasons 7 1 to review

Why sign-ins didn't complete. Prompts (MFA, "Stay signed in?") are recorded by Microsoft as failures but are part of a normal sign-in.

Flag	Error code	What it means	Kind	Sign-ins	Accounts	Last seen (UTC)
	50126	Wrong user name or password	Failure	27	16	9 Oct 2026, 17:59
	50074	Asked to complete MFA	Prompt	21	15	10 Oct 2026, 07:01
	50140	Interrupted by the "Stay signed in?" prompt	Prompt	13	11	10 Oct 2026, 07:02
	50034	No such account in this tenant	Failure	1	1	7 Oct 2026, 23:04
● Medium	50053	Locked out: too many wrong passwords (smart lockout), or the address is known to be malicious	Failure	1	1	8 Oct 2026, 02:20
	50057	Account is disabled	Failure	1	1	9 Oct 2026, 09:00
	53003	Blocked by Conditional Access	Failure	1	1	10 Oct 2026, 16:00

Sign-ins by country 6

Where sign-ins came from, by Microsoft's location for the address. Flagged: countries the tenant rarely signs in from.



Flag	Country	Sign - ins	Succeeded	Failed	Accounts	Share of successes	Unusual
	GB	359	310	17	35	96%	No
	RU	8	0	8	2	0%	No
● Low	IE	7	6	0	6	2%	Yes
● Low	US	6	5	1	6	2%	Yes
	BR	5	0	5	5	0%	No
● Low	FR	4	3	0	4	1%	Yes

Sign-ins by app 6

What people signed in to. "Without MFA" counts successful sign-ins that needed only a password.



App	Sign - ins	Succeeded	Failed	Without MFA	Accounts
Office 365 Exchange Online	114	92	14	32	36
Microsoft Teams	101	82	11	21	32
Office 365 SharePoint Online	91	74	4	25	32
Microsoft Office	81	75	1	22	31
Azure Portal	1	1	0	1	1
Unknown app	1	0	1	0	1

Every account 3

Every account that signed in interactively in the last 7 days. Open an account for the rest of what Office Sentry knows about it.

Account	Sign - ins	Succeeded	Failed	Prompts	With MFA	Without MFA	Countries	Apps	Last sign-in (UTC)	Last failure reason
george.roberts@northwindtraders.example	12	11	0	1	9	2	GB, US	Office 365 Exchange Online, Microsoft Office, Microsoft Teams, Office 365 SharePoint Online	9 Oct 2026, 18:06	–
george.robinson@northwindtraders.example	12	11	1	0	6	5	GB, FR	Office 365 Exchange Online, Microsoft Office, Office 365 SharePoint Online, Microsoft Teams	9 Oct 2026, 15:32	Wrong user name or password
mia.hughes@northwindtraders.example	12	11	0	1	5	6	GB, IE	Office 365 Exchange Online, Microsoft Teams, Microsoft Office, Office 365 SharePoint Online	9 Oct 2026, 16:44	–

Interactive sign-ins since 2026-10-05, from the Entra ID sign-in log. Background sign-ins by apps and saved sessions aren't included. Times are UTC.

Prepared by Harbour IT (help@harbourit.example · 0161 496 0000). Read from Microsoft 365 with read-only access; nothing was changed. Data collected 12 Oct 2026, 04:00 UTC.