# **Onboard Microsoft 365** Defender

# 1. Prerequisites

- Activated Microsoft Defender for Endpoint license with the instance running in the correct location
- Representative with Global Administrator and Security Administrator role access
- Successfully completed "TSD SOP 03 Onboard Azure tenant guest access"

#### 2. General information

This guide does not include device grouping scenarios. It is important to understand that any device group that does not include all the access groups described below, will cut the visibility for the SOC to those devices. It is ok to leave the assigned access empty on the device group, it will then apply the global RBAC privileges.

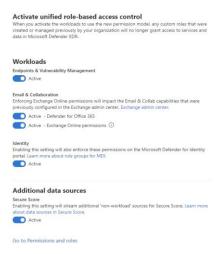
#### **Tasks** 3.

Five roles must be created in the portal. These roles must be assigned to five security groups according to this pattern:

Browse to https://security.microsoft.com/

#### 3.1. Activate RBAC for workloads

- Click "Settings" → "Defender XDR" → "Permissions and roles"
- Use the slider as listed below to activate workloads. It is important to know that enabling of any of the following workloads will deactivate and RBAC permissions created in MDE.



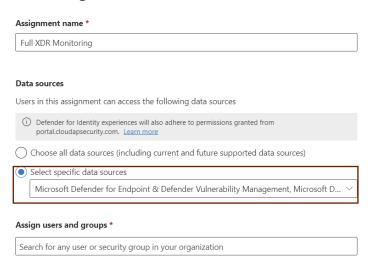




#### 3.2. Create custom roles

Create four custom roles with the level of access that correlates to the agreement between customer and Truesec. This example will be onboarding full XDR + Defender for Cloud monitoring with extended access for live responders to act on mail flows (Move or Delete email to the junk email folder, deleted items or inbox, including soft and hard delete of email). For alternative scopes the following settings should be configured:

#### Add assignment



- Click "Permissions" in the left side navigation -> "Microsoft 365 Defender, Roles".
- Click "Create custom role" and create: Reader, Operator, Privileged Operator, Live Responder
- Start off with assigning a name and description that corresponds to the role that you are configuring.



Follow the wizard for each of the roles that you are configuring with the following attributes.

Role	
Readers	
Security operations	
Select the permissions in this group to users who perform security operations and those who respond to incidents and advisories.	
X Clear all permissions	
All read-only permissions	
All read and manage permissions	
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Security data basics (read) ①	
Alerts (manage) ①	
Response (manage) ①	
Basic live response (manage) ①	
Advanced live response (manage) ①	
File collection (manage) ①	
Email quarantine (manage) ①	
Email advanced actions (manage) ①	
Raw data (Email & collaboration)	
Read-only	
Select custom permissions	
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Email content (read) ①	
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✓ Clear all permissions	
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All read and manage permissions	
Select custom permissions	
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○ Read-only	
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Vulnerability management (read) ①	
Exception handling (manage) ①	
Remediation handling (manage) ①	
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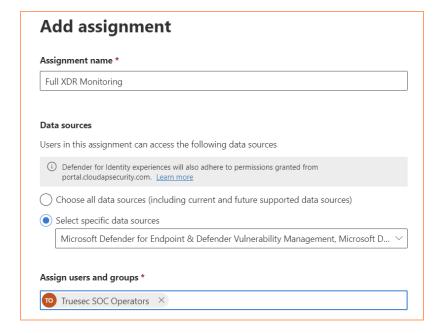
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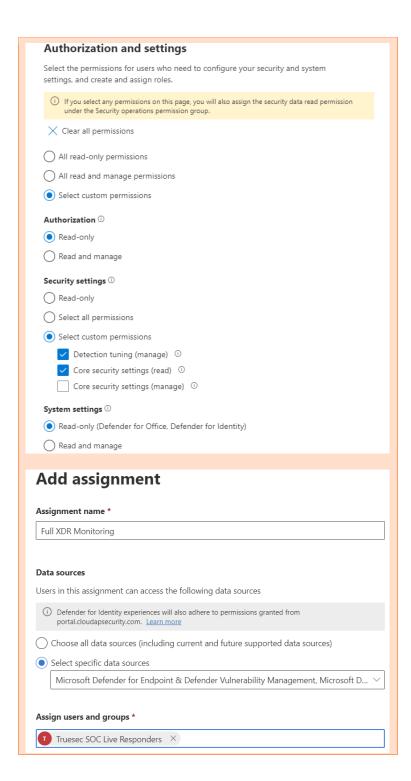




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Users in this assignment can access the following data sources  ① Defender for Identity experiences will also adhere to permissions granted from portal.cloudapsecurity.com. Learn more  ○ Choose all data sources (including current and future supported data sources)	N	
Users in this assignment can access the following data sources  ① Defender for Identity experiences will also adhere to permissions granted from portal.cloudapsecurity.com. Learn more  ○ Choose all data sources (including current and future supported data sources)  ③ Select specific data sources  Microsoft Defender for Endpoint & Defender Vulnerability Management, Microsoft D ∨		users and groups *
Users in this assignment can access the following data sources  1 Defender for Identity experiences will also adhere to permissions granted from portal.cloudapsecurity.com. Learn more  Choose all data sources (including current and future supported data sources)  Select specific data sources	Assign	· ·

Live Responders
Security operations
Select the permissions in this group to users who perform security operations and those who respond to incidents and advisories.
X Clear all permissions
All read-only permissions
All read and manage permissions
Select custom permissions
Security data
○ Read-only
Select all permissions
Select custom permissions
Security data basics (read) ①
✓ Alerts (manage) ①
Response (manage) ①
✓ Basic live response (manage) ①
✓ Advanced live response (manage) ①
File collection (manage)
✓ Email quarantine (manage) ①
Email advanced actions (manage) ①
Raw data (Email & collaboration)
○ Read-only
Select custom permissions
Email message headers (read) ①
Email content (read) ①
Security posture
Select the permissions for users who need to act on security recommendations, and
track remediation tasks, exceptions, and vulnerabilities.
X Clear all permissions
All read-only permissions
All read and manage permissions
Select custom permissions
Posture management
○ Read-only
Select all permissions
Select custom permissions
Vulnerability management (read) ①
Exception handling (manage) ①
Remediation handling (manage) ①
Secure Score (read) ①
Secure Score (manage) ①





Admins
Security operations
Select the permissions in this group to users who perform security operations and those who respond to incidents and advisories.
X Clear all permissions
All read-only permissions
All read and manage permissions
Select custom permissions
Security data
Read-only
Select all permissions
Select custom permissions
Security data basics (read) ①
✓ Alerts (manage) ①
Response (manage) ①
✓ Basic live response (manage) ①
✓ Advanced live response (manage) ①
✓ File collection (manage) ①
✓ Email quarantine (manage) ①
Email advanced actions (manage) ①
Raw data (Email & collaboration)
Read-only
Select custom permissions
✓ Email message headers (read) ①
Email content (read) ①
Security posture
Select the permissions for users who need to act on security recommendations, and track remediation tasks, exceptions, and vulnerabilities.
All read-only permissions
All read and manage permissions
Select custom permissions
Posture management
Read-only
Select all permissions
Select custom permissions
☐ Vulnerability management (read) ①
Exception handling (manage) ①
Remediation handling (manage) ①
Secure Score (read) ①
Secure Score (manage) ①

Au	
	thorization and settings
	ct the permissions for users who need to configure your security and system ngs, and create and assign roles.
(i)	If you select any permissions on this page, you will also assign the security data read permission under the Security operations permission group.
×	Clear all permissions
$\bigcirc$	All read-only permissions
•	All read and manage permissions
$\bigcirc$	Select custom permissions
Aut	norization ①
	Read-only
	Read and manage
Secu	urity settings ①
	Read-only
	Select all permissions
	Select custom permissions
	Detection tuning (manage) ①
	Core security settings (read) ①
	Core security settings (manage) ①
Syst	em settings ①
	Read-only (Defender for Office, Defender for Identity)
	Read and manage
Assi	dd assignment
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Assir Full  Data  User	In this assignment can access the following data sources  Defender for Identity experiences will also adhere to permissions granted from portal cloudapsecurity.com. Learn more  Choose all data sources (including current and future supported data sources)  Select specific data sources



### 3.3. Configure Advanced features

Under "Settings" → "Endpoints", click "Advanced features"

#### 3.3.1. Make sure the following features are enabled

- Live Response (mandatory for MDR services)
- Live Response for Servers
- Preview features

#### 3.3.2. Make sure the following feature is disabled

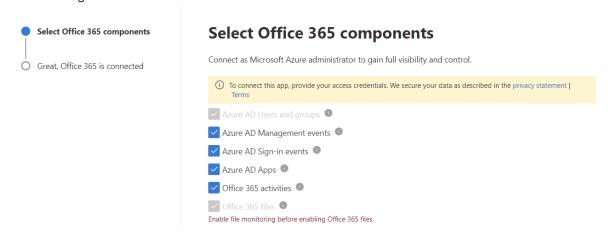
- Automatically resolve alerts (mandatory for MDR services)
- Live Response unsigned script execution

### 3.4. Configure Cloud Apps Connector

- Under "Settings" → "Cloud apps", click "App Connectors"
- Make sure that "Microsoft 365" and "Microsoft Azure" are connected and that both are receiving data.



Edit settings for the Microsoft 365 connector and select all available data sources.





## 3.5. Configure Entra ID Protection alert service

- Under "Settings" → "Microsoft Defender XDR", click "Alert service settings"
- Make sure that "All alerts" is selected

#### **Microsoft Defender XDR**

