Manage Subscriptions and RBAC

Task 1: Implement management groups.

Management groups:

Create management group

Create a new management group to be a child of 'Tenant Root Group'

Management group ID (Cannot be updated after creation) *

az104-mg1 ✓

Management group display name

az104-mg1

Figure 1. Creating a management group.

Task 2: Review and assign a built-in Azure role.

Add role assignment:

Add role assignment ...

Role   Members   Conditions   **Review + assign**

Role	Virtual Machine Contributor
Scope	/providers/Microsoft.Management/managementGroups/az104-mg1
Members	

Name	Object ID	Type
IT Lab Administrators	fd906d94-8b4f-4fc8-884f-84c984768892	Group

Description	No description
Condition	None

Figure 2. Add role assignment.

az104-mg1 | Access control (IAM) ...
Management group

🔍 Search   ✕   «

➕ Add ∨   ⬇ Download role assignments   ≡≡ Edit columns   🔄 Refresh |

- [⌂] Overview
- 🔑 Subscriptions
- [●] Resource Groups
- ▦ Resources
- 🔲 Activity Log
- ౭๏ **Access control (IAM)**
- › Governance
- › Cost Management

Check access   **Role assignments**   Roles   Deny assignments

🔍 Search by name or email   **Type : All**

All (2)   Job function roles (1)   Privileged administrator roles (1)

☐ Name ↑↓	Type ↑↓
∨ **Owner (1)**	
☐ (VK) Vladuslav Kuliavets 12efd9a4-0d4e-479d-b1af-cafaf491fa9e	User
∨ **Virtual Machine Contributor (1)**	
☐ (IL) IT Lab Administrators fd906d94-8b4f-4fc8-884f-84c984768892	Group

Showing 1 - 2 of 2 results.

Figure 3. Access control for group.

Task 3: Create a custom RBAC role.

Custom role:

Create a custom role

Basics | Permissions | Assignable scopes | JSON | Review + create

To create a custom role for Azure resources, fill out some basic information. Learn more

Custom role name * ⓘ   Custom Support Request ✓

Description   A custom contributor role for support requests.

Baseline permissions ⓘ ● Clone a role ○ Start from scratch ○ Start from JSON

Role to clone   Support Request Contributor ⓘ ⌄

Figure 4. Creating a custom role.

Microsoft.Support permissions

‹ All resource providers

ⓘ Exclude permissions enable you to subtract specific permiss
the permissions under the wildcard, search for permissions

🔍 .Support

● Not Actions   ○ Not Data Actions

☑ Permission

⌄ Microsoft.Support

☑ Other : Registers Support Resource Provider ⓘ

Figure 5. Add permissions.

Create a custom role

Basics | Permissions | **Assignable scopes** | JSON | Review + create

+ Add assignable scopes

Click Add assignable scopes to select the scopes (management groups, subscriptions, or resource groups) where this role will be available for assignment.
Your role must have at least one assignable scope. Learn more

Assignable scope	↑↓	Type	↑↓
/providers/Microsoft.Management/managementGroups/az104-mg1		Management group	🗑

Figure 6. Assignable scopes.

Create a custom role ...

Basics   Permissions   Assignable scopes   **JSON**   Review + create

Here is your custom role in JSON format. Learn more ⧉

Download   ⧉

```json
1  {
2      "properties": {
3          "roleName": "Custom Support Request",
4          "description": "A custom contributor role for support requests.",
5          "assignableScopes": [
6              "/providers/Microsoft.Management/managementGroups/az104-mg1"
7          ],
8          "permissions": [
9              {
10                 "actions": [
11                     "Microsoft.Authorization/*/read",
12                     "Microsoft.Resources/subscriptions/resourceGroups/read",
13                     "Microsoft.Support/*"
14                 ],
15                 "notActions": [
16                     "Microsoft.Support/register/action"
17                 ],
18                 "dataActions": [],
19                 "notDataActions": []
20             }
21         ]
22     }
23 }
```

Figure 7. Json code of role.

Create a custom role ...

Basics	Permissions	Assignable scopes	JSON	**Review + create**

Basics

Role name	Custom Support Request
Role description	A custom contributor role for support requests.

Permissions

Action	Microsoft.Authorization/*/read
Action	Microsoft.Resources/subscriptions/resourceGroups/read
Action	Microsoft.Support/*
NotAction	Microsoft.Support/register/action

Assignable Scopes

Scope	/providers/Microsoft.Management/managementGroups/az104-mg1

Figure 8. Review.

Create a custom role ...

You have successfully created the custom role "Custom Support Request". It may take the system a few minutes to display your role everywhere.

OK

Figure 9. Successful created.

Task 4: Monitor role assignments with the Activity Log.

Activity log:

Figure 10. Activity log.