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| McAfee |
| Security Broker(VmiDC) Service |
| Steps to implement a new service in Security Broker(VmiDC) |

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# Creating a new Service for Security Broker (VmiDC)

## Steps to create a new Service:

### Create POJO

* Before creating a service you need to create POJO (JAXB POJO) representing all the required fields needed by request/response for that service.
* This class should be placed under “com.mcafee.vmidc.service.model” package;

### Create Request

* A request class must implement Request interface located under “com.mcafee.vmidc.service.request.
* This class may extend the base POJO created in previous step.
* Place this class under “com.mcafee.vmidc.service.request” package.

### Create Response

* A response class must implement Response interface located under “com.mcafee.vmidc.service.response”.
* This class may extend the base POJO created in previous step.
* Place this class under “com.mcafee.vmidc.service.request” package.

### Create Service

* A service class must implement Service Interface with specific Request and Response implementations.
* This class must implement exec() method
* Place this class under “com.mcafee.vmidc.service” package.
* This service class will be exposed to the UI or through the API.

# Service Layer Flow Diagram

