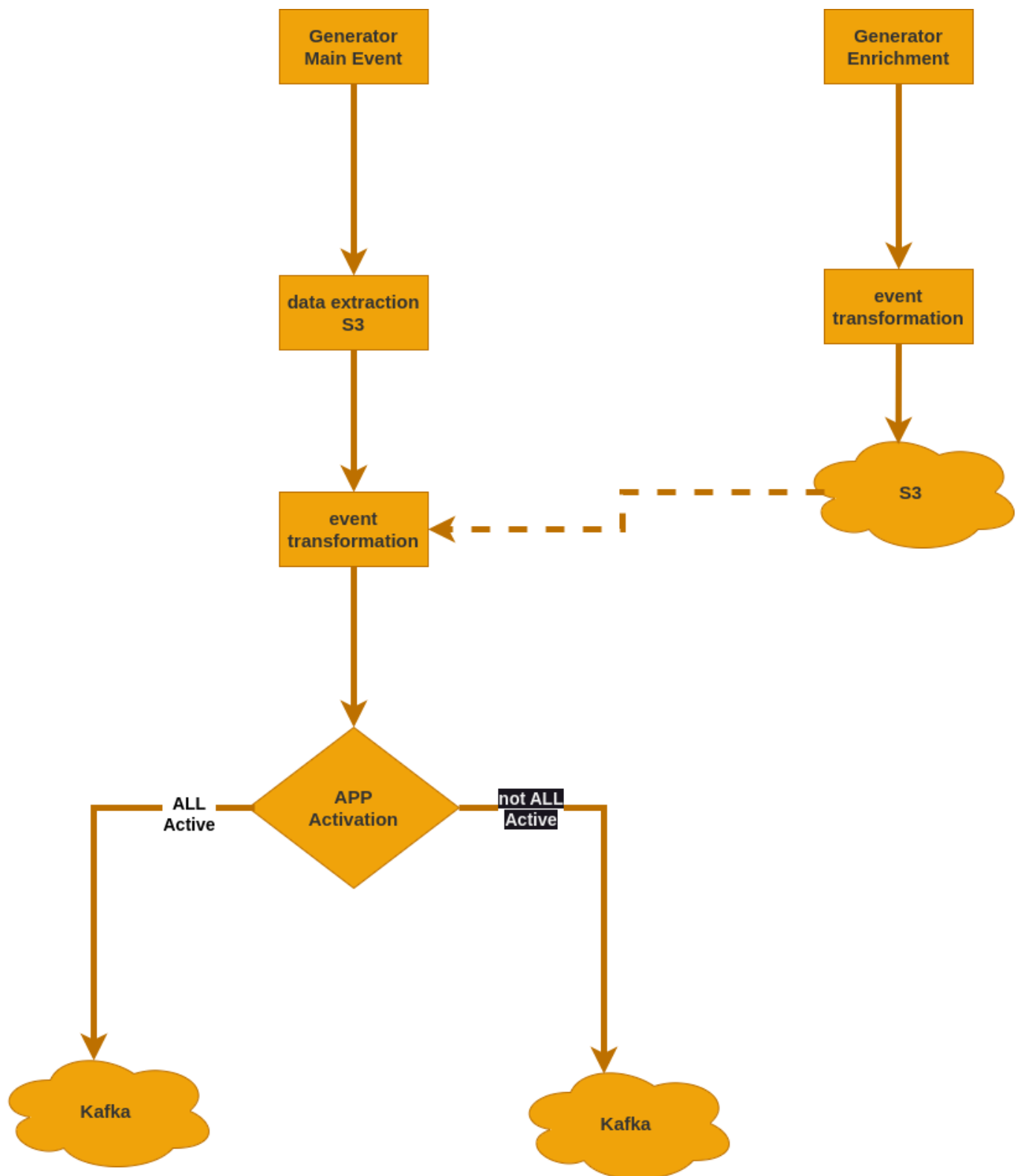# Example: Zadanie 4 - Servers Scope Control

Servers Scope Control

Main Flow

- Segregacja incydentów na grupy:

  - All Application Active (YES / NO)

- Flow wynikowe powinno być wysłane na Kafkę na topic

  - **serverReportingOK**

  - **serverReportingNotOK**

- **S3: serverreporting**

Data flow model:

Scans Reports

```
[
{

    "ResourceId" : "aaaaaaaaaaaaaaa",
    "Status" : "Running",
    "Applications" : {
        "Antivirus" : "YES",
        "DLP" : "YES",
```

```json
        "Firewall" : "YES",
        "DiscEncryption" : "YES"
    }
},
{
    "ResourceId" : "bbbbbbbbbbbbbbb",
    "Status" : "Stopped",
    "Applications" : {
        "Antivirus" : "NO",
        "DLP" : "NO",
        "Firewall" : "NO",
        "DiscEncryption" : "NO"
    }
},
{
    "ResourceId" : "ccccccccccccccc",
    "Status" : "Stopped",
    "Applications" : {
        "Antivirus" : "NO",
        "DLP" : "NO",
        "Firewall" : "NO",
        "DiscEncryption" : "YES"
    }
},
{
    "ResourceId" : "ddddddddddddddd",
    "Status" : "Running",
    "Applications" : {
        "Antivirus" : "NO",
        "DLP" : "YES",
        "Firewall" : "NO",
        "DiscEncryption" : "YES"
    }
}
]
```

Servers

```json
[
{
    "ResourceId" : "aaaaaaaaaaaaaaa",
    "Name" : "VM1",
    "AssetOwner" : "AA11BB",
    "Cloud" : "Azure",
```

```json
        "CreationTime" : "1704671297307"
    },
    {
        "ResourceId" : "bbbbbbbbbbbbbbb",
        "Name" : "VM2",
        "AssetOwner" : "AA22BB",
        "Cloud" : "GCP",
        "CreationTime" : "1704611128440"
    },
    {
        "ResourceId" : "ccccccccccccccc",
        "Name" : "VM3",
        "AssetOwner" : "AA33BB",
        "Cloud" : "AWS",
        "CreationTime" : "1704101128440"
    },
    {
        "ResourceId" : "ddddddddddddddd",
        "Name" : "VM4",
        "AssetOwner" : "AA44BB",
        "Cloud" : "Azure",
        "CreationTime" : "1704671417114"
    }
]
```

END Event

```json
{
  "Applications" : {
    "DLP" : "YES",
    "Firewall" : "YES",
    "Antivirus" : "YES",
    "DiscEncryption" : "YES"
  },
  "CreationTime" : "1704671297307",
  "AssetOwner" : "AA11BB",
  "Cloud" : "Azure",
  "Name" : "VM1",
  "AllAppsActive" : "YES",
  "Status" : "Running",
  "ResourceId" : "aaaaaaaaaaaaaaa"
}
```

Flow Configuration File:

ServersScopeControl.json