**Content**

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1. Monitoring
   1. CloudWatch
      1. Events

Are similar to alarms, instead of configuring thresholds and alarming on metrics, CloudWatch Events are matching event patterns and use targets to react.

Consists of

1. Event Source (operational change or schedule)
2. Rules (matches the events source and routes it to targets – if there is a match)
3. Targets (services that will react to the event)
   * 1. Logs

Requires the install of CloudWatch Unified Agent or Logs Agent (legacy)

Consists of

1. Log Events – Record of activity recorded by the monitored resource
2. Log Streams – Sequence of log events from the same source / application
3. Log Groups – a collection of log streams with same access control, monitoring and retention settings
4. Metric Filters – assigned to log groups, it extracts data from the groups‘ log streams and converts that data into a Metric data point. Enables to create alarms.
5. Retention Settings – period of time logs are kept. Assigned to log roups, but applies to all the streams in a group.
   1. CloudTrail

Recors API activity in your account