

USE CASE

Network Device Auto Remediation

Network Management



Orchestral.ai
AI-Driven Orchestration

Situation: A Network Interface Has Failed

- A network interface has gone down triggering actions to discover why the interface failed.
- Was this a manual or intentional shutdown or was it due to some kind of testing underway or due to a critical failure of a network device?
- When the root cause of the network outage is unknown, IT staff will default to prioritizing the problem as urgent and take actions accordingly.
- IT operations personnel are broadly activated to help remediate the situation even if the problem ultimately proves to be outside of their areas of responsibility.

Composer Benefits

- Provides fully audited process where all incident data is captured in the ITSM system and operator V K D Y H insight into the appropriate remediation action.
- Greatly reduces network downtime as the auto-remediation workflow executes in seconds as opposed to merely alerting and extending the downtime as manual operator intervention is activated.
- If the auto-remediation workflow is unsuccessful, the IT ticket can be automatically given a higher priority that triggers the appropriate response from the appropriate operations personnel.

Manual Remediation

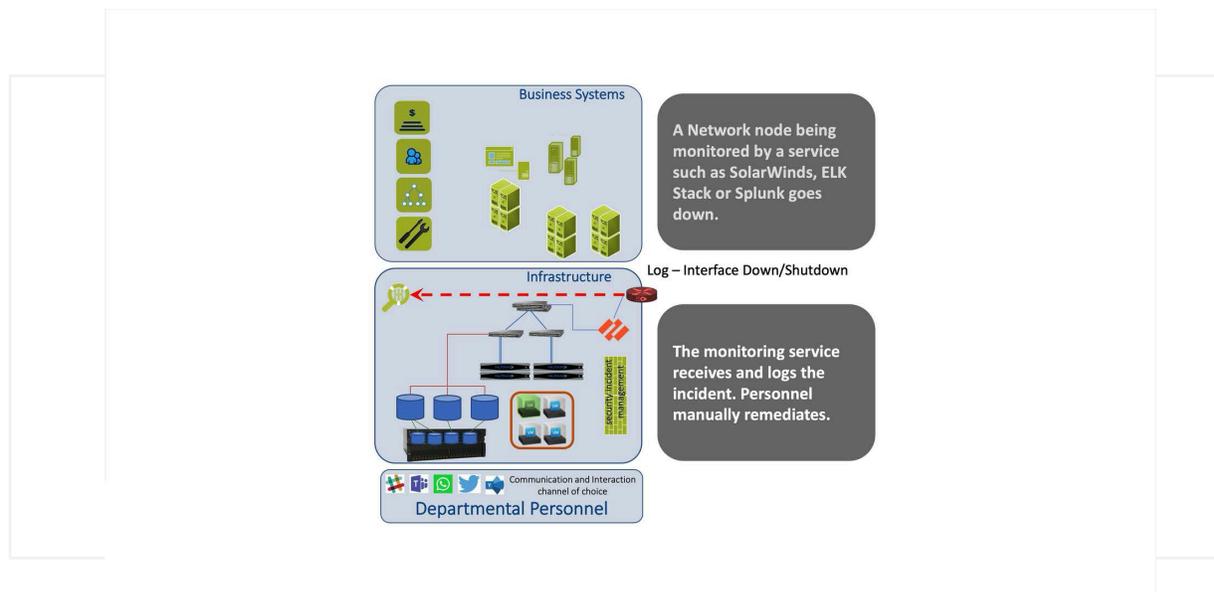


FIGURE 1: Interface Outage with Manual Remediation Response

Orchestral.ai's Composer Solution

Orchestral.ai provides a completely automated solution for this problem. Orchestral Composer automatically executes new or existing remediation workflows that IT operations teams have developed while leveraging existing infrastructure tooling and management platforms that have been deployed.

Event-Driven Auto-Remediation

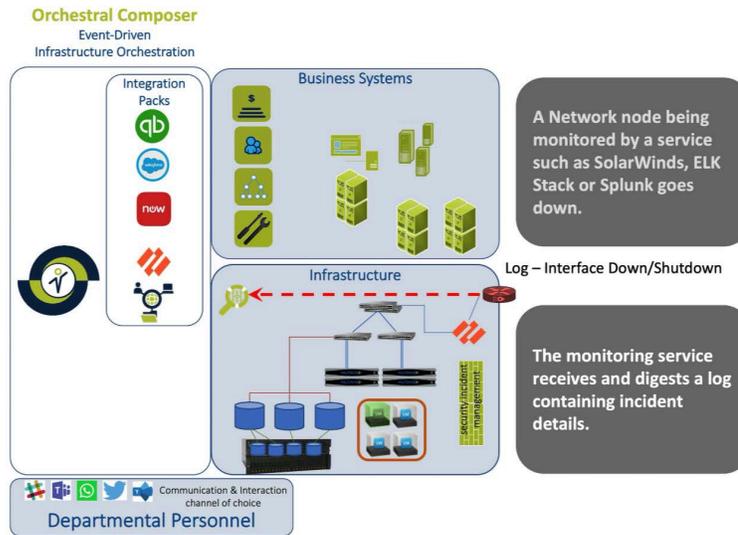


FIGURE 2: Interface Outage with Orchestral Composer Automated Event-Driven Auto-Remediation

Composer vent riven uto em ediation

- 1.
2. & R P S R V H U F R O O H F W V V W D W H L Q I R U P O C V D R V H R Q W K H H D C B V W H R J Q E B I F R M L H R Q
3. L S V W K H S W H Z R D Q Q W S R W D W H D U O H L I O H W Q F L G H Q W
4. & R P S R V W K H Q R S H Q V D V H U Y L F H W L F N H W Z L W K R Q W K H W L F N H W L Q J V I V W H P D Q G D W W D F K H W W K H U W X I R W K C H V K C R O M V Q V D U W L I
- 5.
- 6.



Orchestral.ai
AI-Driven Orchestration

Orchestral.ai is a team of like-minded technology professionals possessing a combined experience of over 100 years in the IT industry.

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