HP MSM

Configuration and authentication call flows

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Overview

This document is designed specifically to detail the flow of device and end user authentication using the NOC authentication system for HP MSM.

Device Configuration

The HP MSM allows device profile for hotspot users to be configured using VSAs from a central radius server. This means that HP MSM redirect pages, operational pages, proxy service and walled garden can be managed from a central radius system without the need to configure each remote HP MSM individually and once the controller is set to retrieve attributes from a remote radius server the flow shown in *fig 1.1* takes place.

NOC Authentication

NOC authentication put simply is the process of completing a certificate based handshake with a central authentication server that will allow the remote processing of user authentication requests without the need to post/get credentials to the local gateway interface. The flow for an end user connecting to a HP MSM controlled network using NOC can be seen in *fig2.1 and 2.2*.

The NOC authentication process also allows the central management of user sessions on remote HP MSM controllers allowing the flexibility to update live sessions silently and to clear authentication for selected users without the need for remote login to local HP MSM.

Fig 1.1 – Device configuration using RADIUS

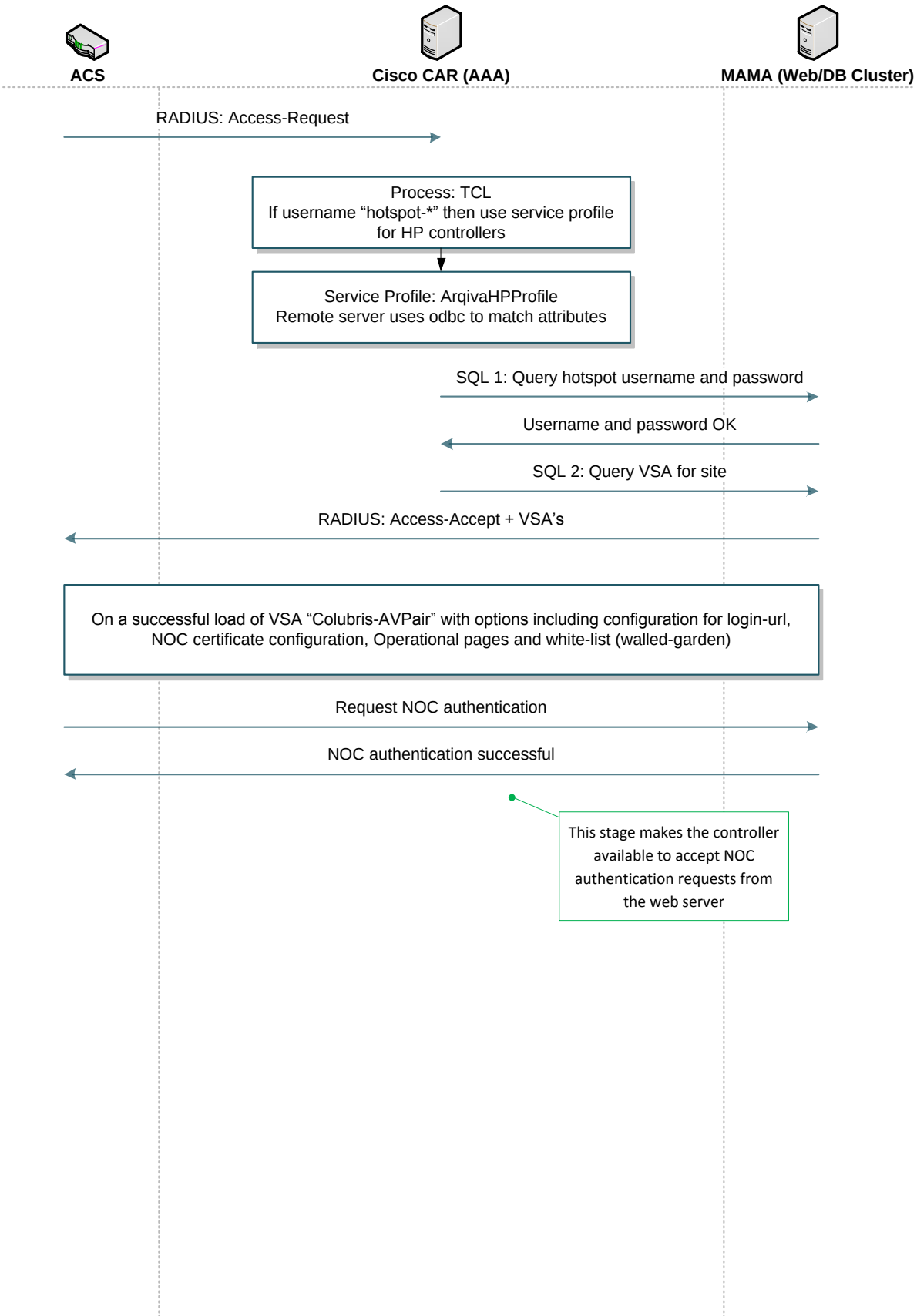

Fig 2.1 – Successful NOC authentication

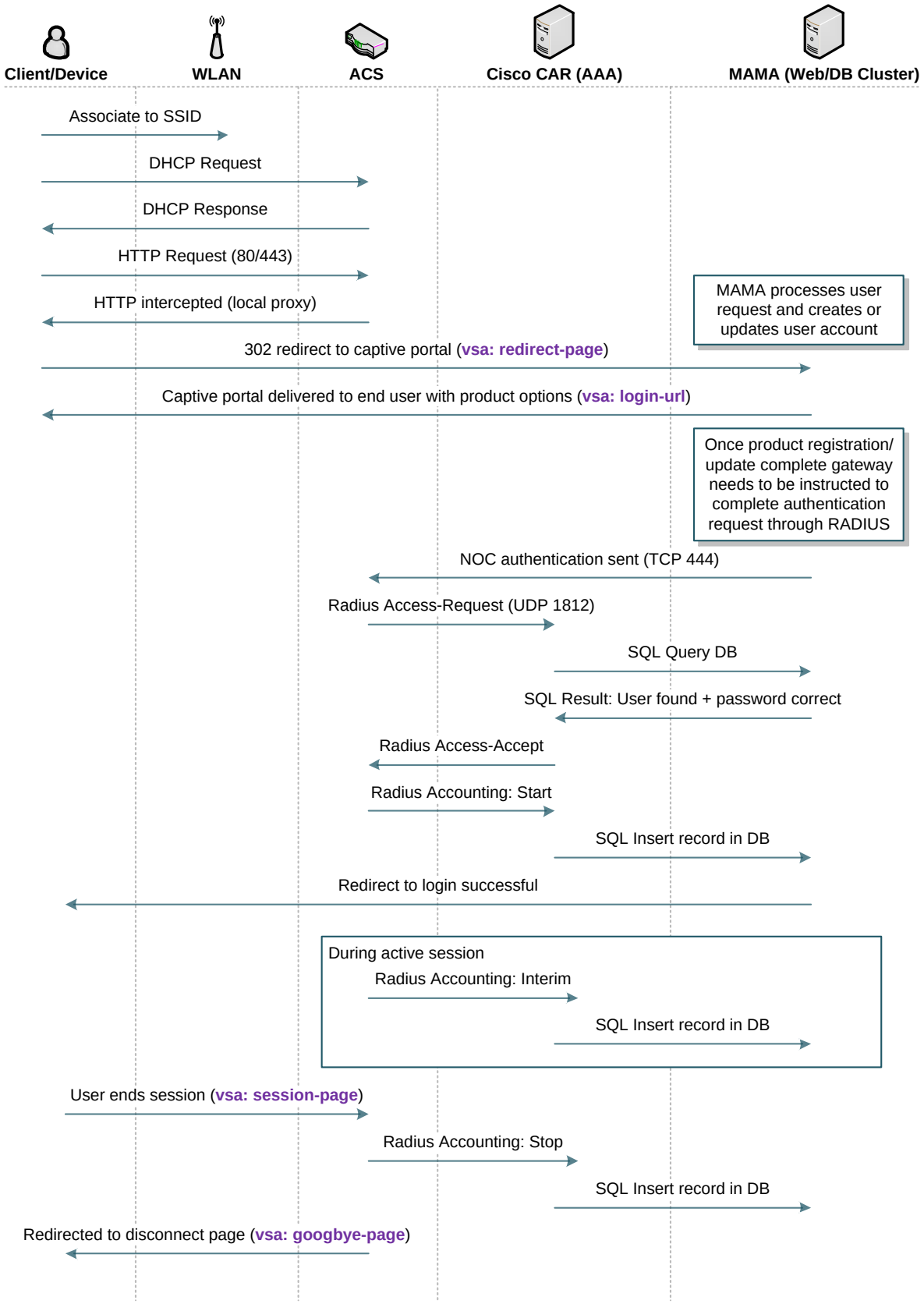
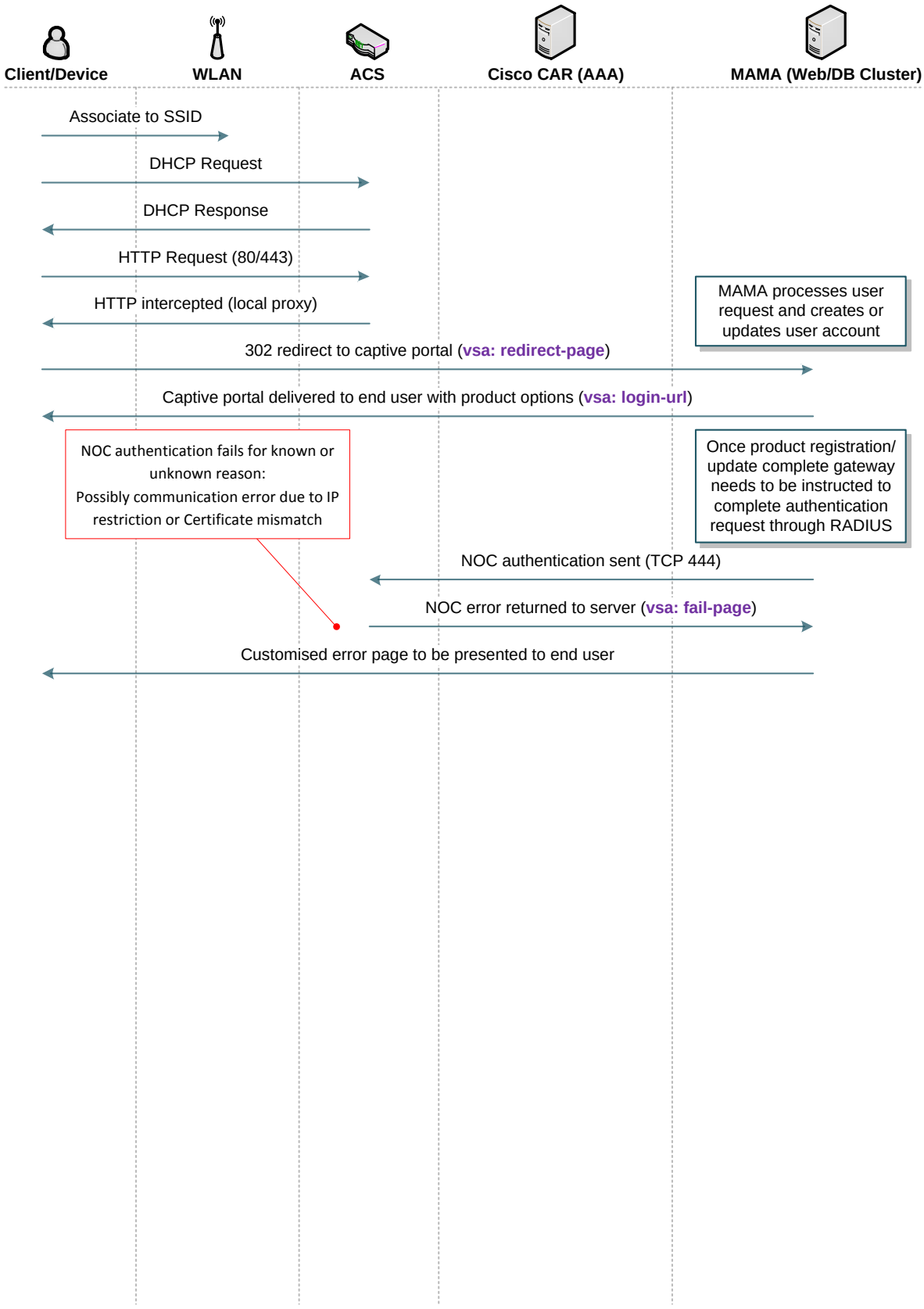
Fig 2.2 – Failed NOC Authentication