

4.9 B2008 – RADIUS as a Service (RADIUSaaS)

<p>Description</p>	<p>Glück & Kanja (GK) is providing “Radius” as a service. During the onboarding period GK will provide the customer with two IP addresses and a shared secret. With this procedure, we assure that only the customer can use this instance of GK RADIUSaaS. We provide two IP addresses (per hemisphere) for a higher availability of the service. The customer then must configure those IP addresses together with the shared secret on his Wireless LAN Gateways for authentication purposes (Radius Server). With that, a client at the customer that tries to connect to the Wireless LAN will get redirected to the GK RADIUSaaS for authentication.</p> <p>Authentication on the GK RADIUSaaS is accomplished by checking for an Intune Certificate that is associated with the customer’s tenant. In other words: every machine that is Intune managed will be able to access the customer’s wireless LAN.</p> <p>This authentication service can be extended by the SCEP Man module. With the SCEP Man module, the customer is not bound to the Intune Certificates but can use dedicated certificates. (see Optional Add-Ons for more details).</p> <p>GK RADIUSaaS is offered in all Azure hemispheres.</p>
<p>Service-Benefits</p>	<ul style="list-style-type: none"> » Seamless “built-in” Authentication to Wireless LAN » Authentication at the machine level (before user authenticates), which is very important in many cloud-only scenarios. » No hassle with certificate management
<p>Availability</p>	<ul style="list-style-type: none"> » The service availability goal is 99,5%. It is calculated by using the following formula: $\text{service availability} = (\text{service period} - \text{downtime}) / \text{service period}$ where <ul style="list-style-type: none"> » Service period is the corresponding calendar month and » “Downtime” is the accumulated amount of time where the RealmJoin service is unavailable. The RealmJoin service is considered unavailable, when there is no connectivity between the RealmJoin service and the internet.
<p>Costs</p>	<p>The service will be charged based on a yearly base fee and additionally per active user (consumption based monthly billing).</p>

	<p>The base fee for the service is 6.000 € per year.</p> <p>Consumption based monthly billing will be billed as follows:</p> <ul style="list-style-type: none"> » The first 100 users are included in the base fee. » User 101 to 5.000 will be billed with 0,30 €/month each » User 5.001 to 10.000 will be billed with 0,20 €/month each » User 10.001 to 20.000 will be billed with 0,15 €/month each » User 20.001 to 50.000 will be billed with 0,10 €/month each » User 50.001 and above will be billed with 0,08 €/month each <p>The amount of users for billing is derived from the count of active users on the service during the corresponding billing period.</p> <p>A user is defined active when logged on an Azure AD/Intune-managed device within a 3-months-timeframe. One single user may have up to ten Azure AD/Intune-managed devices.</p> <p>In case of service requests addressed to the Glück & Kanja Operation Center, the effective amount of time for each request will be charged from the service- & advisory-contingent (see 3.23.2, each started 15 min working-time 0,25 h). Handling time for bug-fixing of the RADIUSaaS service will not be charged.</p> <p>In case of service downtime, the customer is eligible for the following service credits (see “availability” for definitions):</p> <ul style="list-style-type: none"> » service availability < 99.5% => 10% » service availability < 99.0% => 25%
<p>Prerequisites</p>	<p>The following modules are prerequisites for this module:</p> <ul style="list-style-type: none"> » A2001 – Service-Center and 10x5 Daytime Standby » TBD