

AWS Government Virtual Private Data Center “VPDC”

A copebit product for government customers - "VPDC", a virtual private data center according to Hermes



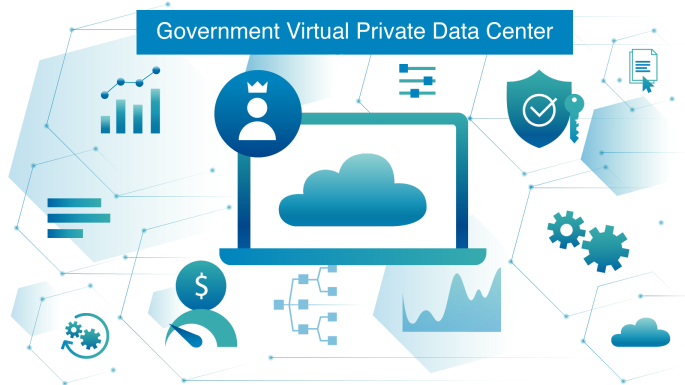
Overview

More and more IT departments of cantonal and municipal administrations want to take advantage of a hyperscaler cloud environment like the one provided by AWS. However, it is not easy to meet all the regulatory and security requirements and the necessary technical knowledge.

copebit wants to **remove or at least minimize these hurdles** with the "VPDC" product so that knowledge and experience can be built up in a structured way.

Tenders and their decisions should be able to be prepared on a **sound basis**. Before one can compile a tender, which is to be settled in the Hermes

module "procurement", **the module "project bases with study, legal basis analysis and protection need analysis"** must be compiled in the **initialization phase**. Our experience has shown that variants, concepts and decisions can be made better and more well-founded by building up knowledge and practical relevance.



With the **AWS Government Virtual Private Data Center "VPDC"**, the customer gets its own VPDC and the foundation of any cloud solution, which is structured, secure and built according to best practices on the 6 pillars of the AWS Well-Architected Framework and the AWS SRA (Security Reference Architecture). However, in an initial phase, the VPDC will **not** be integrated into the existing IT infrastructure. While such integration can occur at any time, it is recommended only with a phased approach. The customer **VPDC** has a **Management, a LogArchive and a SecurityTooling account** for the highest auditing and security requirements. The **Network account** is used for controlled access to the actual Workload accounts, and the **Backup-Vault account** already provides a centralized backup solution.

Any further technical requirements and also 3rd party integrations (e.g. firewall) can be tested and verified in practice together with us or by yourself. You are in a position to test your topics 1:1 and as thoroughly as necessary and to formulate them accordingly as requirements. With copebit, you not only have a highly qualified AWS Advanced Consulting Partner at your disposal, but also a Hermes Advanced Partner who will accompany you throughout the entire process.



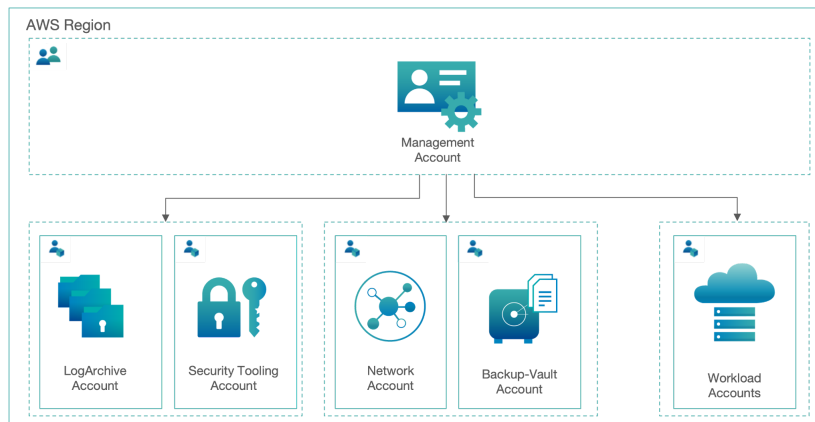
Objectives

- The customer has an **automated, secure and structured** virtual private data center "AWS Cloud" with multiple accounts, based on the **6 pillars of the AWS Well-Architected Framework and best practices for security and compliance**.
- The customer has a **high cloud maturity** from the start and can focus on the use cases, MVPs and the productive workload.
- Needs assessments can be reviewed, deepened and specified with hands-on focus.
- **Cloud technology, maturity** and overall understanding can be **massively increased**.
- Project results can be assessed more efficiently and in greater technical detail, which can also save project costs.
- The customer has a **cost-optimized AWS cloud solution** at its disposal.



Offer

Our AWS Government VPDC product covers the following scopes:



- **2x4h workshop for requirements and needs clarification** together with the customer
 - Offer explanation / customer requirements / testing / know-how transfer / planning / support
- **Set-up of a Government Virtual Private Data Center**
 - Management, LogArchive, Security Tooling, Network, Backup account and 3 workload accounts
- **AWS billing options** (credit card, invoice, invoice via copebit)
- **2x4h know-how transfer, consulting for open topics**
 - Explanation of security and compliance, logging, auditing, backup, and encryption for an AWS cloud environment

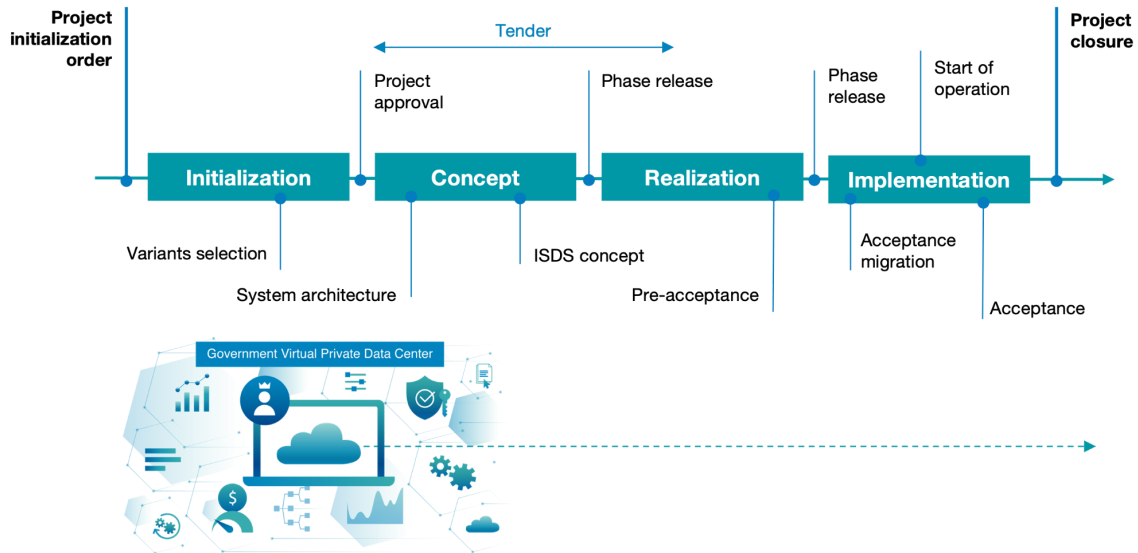


Advantages of the AWS Government Virtual Private Data Center with copebit

- High **cloud maturity from the start** combined with copebit & AWS experience and support.
- You have a virtual private data center which you can use for the tasks of study, legal basis, protection needs and requirements analysis, **ISDS conception, variant selection, architecture conception**, procurement and much more.
- Knowledge development with practical relevance with support from copebit
- Further development for POC, pilot and production incl. additional options possible at any time as required
- Dismantling / dissolution possible at any time
- Compliance and security - well-architected with full support from AWS
- Shared Responsibility Model & PCI-DSS, HIPAA/HITECH, FedRAMP, GDPR, FIPS 140-2 and NIST 800-171 & CSA, ISO 9001, ISO 22301, ISO 27001, ISO 27017, ISO 27001, ISO 27018, SOC 1-3.
- Integrated centralized billing, security and auditing
- Support by copebit AG as **AWS Advanced Consulting Partner**
- Support by copebit AG as **Hermes Advanced Project Management Partner**



Scenarios, Phases, Modules, Roles



- **Suitable Hermes scenarios**
 - IT standard and IT individual application
 - IT infrastructure
- **Suitable project phases**
 - initialization and concept phase
 - Reusable for realization and introduction
- **Suitable Hermes modules**
 - Project basics
 - Procurement
 - ISDS
 - IT system, IT operation, IT migration, testing
- **Suitable Hermes partners (users, developers, operators)**
 - Management (PL & technical committee)
 - Execution level (ISDS, operations, application, and test managers, architect)



Costs

The standard package is available at a fixed price. Price on request.

Does not include recurring costs for AWS services. Most features and products can be tested with Free Tier (i.e., no AWS costs).

Optionally available at additional cost:

- Integration into the existing IT infrastructure
- Set-up of hosting resources and/or additional services
- Set-up of use cases and support for test cases
- Support in project management classic, Hermes or agile according to Scrum, SAFe



Contact

If you are interested in these services, please contact us via

<https://www.copebit.ch/contact-us/>