

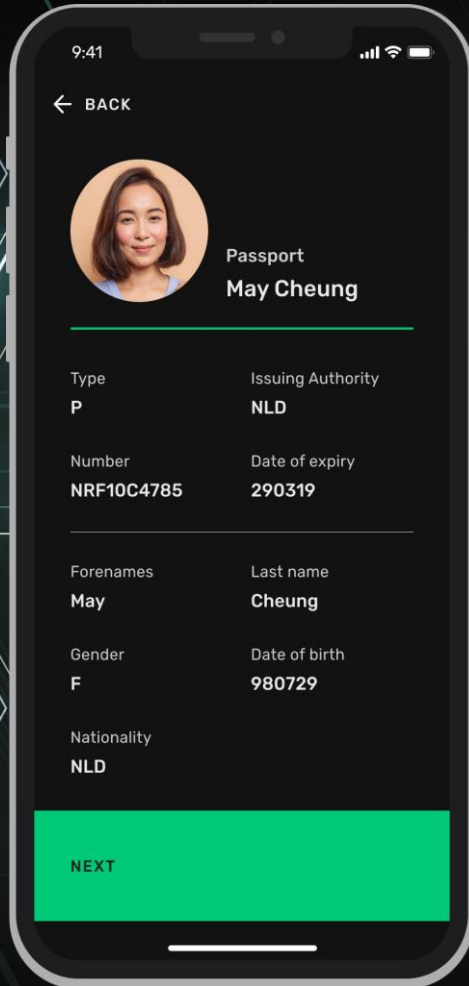


Steward | Issuer | Endorser | Security Provider | Mobile Vault

# Jump Start Cloud Agent Identity

With ID Crypt Global and Microsoft Azure





## Who is ID Crypt Global?

- Sovrin Steward
- Endorser and Issuer of digital identity
  - Individuals
  - Businesses
- Working on making SSI more usable
- Funded a open-source initiatives
  - Animo (Netherlands)
  - Blue-tooth connectionless sharing of proofs
- Ways in which we can speed up and help engagement...

# The problem...

- Encourage engineers and organisations to embrace SSI principles and concepts such as DIF
- Enable engineers and organisations to get a working understanding of SSI based architecture, capabilities and solutions
- How do we short-cut the time and effort it takes to get a Cloud Agent running?
  
- Many workshops and samples on how to build solutions with ACA-Py, however getting an Agent running?
  - Requires a deeper level of understanding regarding the ACA-Py underlying architecture and infrastructure
  - Takes time and effort to stand up a resilient ACA-Py instance
  - Often solutions are based on local deployments – prohibiting team work to an extent
- A PoC, for many engineers and organisations, needs to be quick
  - Show case how solutions can work
  - Show case how they could work within a production environment (security, availability and performance considerations all needed to be known)
- For many industries, better integration / experiences with a chosen Cloud provider is a must
  - Azure and AWS covers almost all industries
  - Feeds into Agile engineering principles
  - IaaS and SaaS type of service offerings (desirable)
  - Consideration of skills required to manage and administer underlying solution architecture



## An Azure managed app

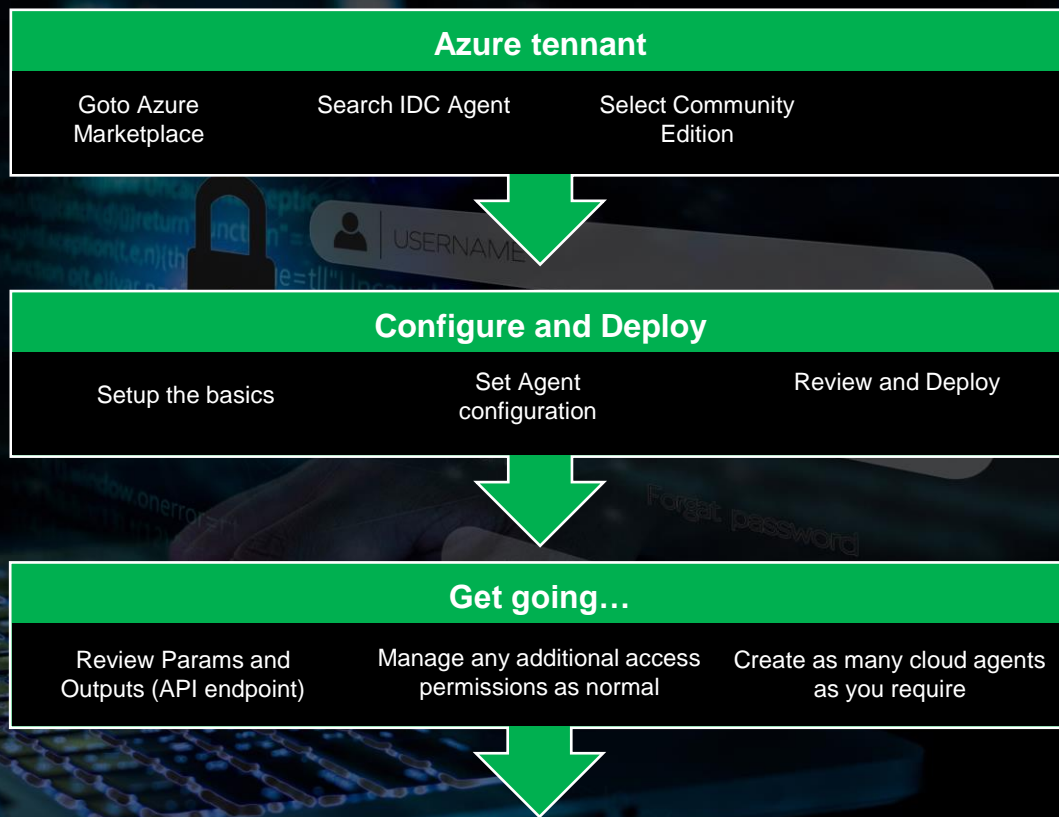
- IDC has developed a managed application solution to host the IDC Agent – within Azure
- Available from within the Azure Marketplace
- Select the agent and enter the desired configuration
  - Made simple with tool tips and deployment notes
  - Community Edition is the basic ACA-Py agent
- Agent is deployed within the users own Azure tenant, subscription and desired resource groups
- Agent presents itself as a “black-box”
- Underlying Infrastructure is managed by IDC and Microsoft
- Upgrades are made available as single click updates

 Microsoft Azure



# GETTING STARTED...

## It's easy...





## Recap

- Search IDC Agent in Azure Marketplace
- Select the Community Edition
- Deploy in minutes
- Review properties for access to the ACA-Py Admin API (Params and Outputs)
- No need to worry about underlying architecture or infrastructure
- Focus, and get started on building your SSI based solutions
- For additional features, review different IDC Agent editions

The screenshot shows the Microsoft Azure Marketplace interface. The search bar contains 'IDC Agent' and the publisher name is set to 'All'. The search results show one result for 'IDC Agent' by ID Crypt Global Limited. The product is an Azure Application described as 'An ACA-Py compatible cloud agent delivering decentralized identity (SSI) capabilities for businesses'. It starts at £9.648/month and has a 'Create' button. The interface also shows navigation options like 'Previous' and 'Next'.



Create IDC Agent - Microsoft A... x +

https://portal.azure.com/#create/idcryptgloballimited1599811331642.idcryp

Microsoft Azure

Home > IDC Agent >

### Create IDC Agent

Basics Agent and vault Review + create

Choose what Sovrin network you want to connect your agent to. Use TestNet for testing, development, prototyping demonstrations, etc. Use MainNet for connecting to the production network. Click this box to learn more about the networks, including pricing.

Sovrin network  TestNet  MainNet

The agent will communicate with other agents using DIDComm protocol. The administration and DIDComm endpoints will be provided as output values after the deployment completes successfully.

Agent label

The seed to use for the creation of the agent's DID. Make sure to store this value safely to be able to recreate the agent in the future.

Agent seed

Admin API key

The vault is used to securely store credentials and other information consumed by the agent.

Vault name

Vault key

The vault will be stored in Azure Database for PostgreSQL, the fully managed Postgres database-as-a-service offered by Azure. The admin username will be 'pgadmin', and below you can enter the password for the admin account.

Admin password

Confirm password  Password

### IDCAgent1 | Parameters

Managed application

Search

- Overview
- Activity log
- Access control (IAM)
- Tags

#### Settings

- Parameters and Outputs
- Authorizations
- Identity
- Properties
- Locks

#### Monitoring

- Alerts

#### Automation

- Tasks (preview)
- Export template

#### Help

- Support + Troubleshooting



## Want to know more?

- Request any further information on the IDC Agent
  - [LetsTalk@idcrypt.global](mailto:LetsTalk@idcrypt.global)
- Explore other editions
  - [IDC Agent - ID Crypt Global API Management - developer portal \(azure-api.net\)](#)
- Visit <https://www.idcrypt.global>

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Identity, privacy, security and risk, all as one

