

ServiceNow A2A Testing - PACKAGE_README

ServiceNow A2A Testing Tools

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1 ServiceNow A2A Testing Package

This package contains everything you need to test ServiceNow Agent-to-Agent (A2A) implementations.

1.1 🚀 Quick Start

1. Install Dependencies:

```
./install_dependencies.sh
```

2. Configure Your Environment:

```
cp .env.template .env  
# Edit .env with your ServiceNow details
```

3. Run Quick Test:

```
./quick_start.sh
```

1.2 Package Contents

1.2.1 Core Files

- `generic_a2a_client.py` - Universal Python A2A client
- `test_servicenow_agent.sh` - Automated testing script
- `generate_curl_commands.sh` - Curl command generator
- `examples.py` - Python usage examples

1.2.2 Configuration

- `.env.template` - Configuration template
- `requirements.txt` - Python dependencies

1.2.3 Documentation

- `ServiceNow_A2A_Testing_Guide.md` - Complete testing guide
- `README.md` - Quick reference
- `PACKAGE_README.md` - This file

1.2.4 Utilities

- `quick_start.sh` - Quick setup and test
- `install_dependencies.sh` - Dependency installer

1.3 Configuration

Edit `.env` file with your ServiceNow details:

```
SERVICENOW_INSTANCE=your-instance.service-now.com
SERVICENOW_AGENT_ID=your-agent-id
SERVICENOW_TOKEN=your-api-key
```

1.4 Testing Methods

1.4.1 1. Automated Script Testing

```
./test_servicenow_agent.sh           # Full test
./test_servicenow_agent.sh --discovery-only # Discovery only
./test_servicenow_agent.sh -v        # Verbose output
```

1.4.2 2. Python Client Testing

```
python generic_a2a_client.py           # Basic test
python examples.py                     # Advanced examples
```

1.4.3 3. Manual Curl Testing

```
./generate_curl_commands.sh  
./discovery_command.sh | jq  
./send_message_command.sh | jq
```

```
# Generate commands  
# Test discovery  
# Send message
```

1.5 Documentation

- Read `ServiceNow_A2A_Testing_Guide.md` for comprehensive documentation
- Check `examples.py` for Python integration patterns
- See `README.md` for quick reference

1.6 Support

For troubleshooting and support: 1. Check the troubleshooting section in the testing guide 2. Run tests with verbose output (`-v` flag) 3. Verify your ServiceNow configuration 4. Consult ServiceNow documentation and community resources

1.7 License

This testing package is provided as-is for ServiceNow customers to test their A2A implementations.