

# Nebula Graph Diagnostic Report

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Target: 127.0.0.1:9669 | User: root | Test space: agent\_registry\_diag

## 1. Connection

Connection pool: OK

## 2. Diagnostic Steps

Queries succeeded: 2/12

### Step 1: Cluster hosts status (meta + storage)

Status: OK | Latency: <bound method ResultSet.latency of ResultSet(keys: ['Host', 'Port', 'Status', 'Leader count', 'Leader distribution', 'Partition distribution', 'Version'], values: )> ms

Query:

```
SHOW HOSTS;
```

### Step 2: List existing spaces

Status: OK | Latency: <bound method ResultSet.latency of ResultSet(keys: ['Name'], values: )> ms

Query:

```
SHOW SPACES;
```

### Step 3: Create test space `agent\_registry\_diag` if not exists

Status: FAILED | Latency: <bound method ResultSet.latency of ResultSet(None)> ms

Query:

```
CREATE SPACE IF NOT EXISTS agent_registry_diag(partition_num=16, replica_factor=1, vid_type=FIXED_STRING(64));
```

Error:

```
Host not enough!
```

### Step 4: Switch to space `agent\_registry\_diag`

Status: FAILED | Latency: <bound method ResultSet.latency of ResultSet(None)> ms

Query:

```
USE agent_registry_diag;
```

Error:

```
SpaceNotFound: SpaceName `agent_registry_diag`
```

### Step 5: Create TAG `Person`

Status: FAILED | Latency: <bound method ResultSet.latency of ResultSet(None)> ms

Query:

```
CREATE TAG IF NOT EXISTS Person(name string, age int);
```

Error:

```
SemanticError: Space was not chosen.
```

### Step 6: Create EDGE `Knows`

Status: FAILED | Latency: <bound method ResultSet.latency of ResultSet(None)> ms

Query:

```
CREATE EDGE IF NOT EXISTS Knows(since int);
```

Error:

```
SemanticError: Space was not chosen.
```

### Step 7: List tags in test space

Status: FAILED | Latency: <bound method ResultSet.latency of ResultSet(None)> ms

Query:

```
SHOW TAGS;
```

Error:

```
SemanticError: Space was not chosen.
```

### Step 8: List edges in test space

Status: FAILED | Latency: <bound method ResultSet.latency of ResultSet(None)> ms

Query:  
SHOW EDGES;  
Error:  
SemanticError: Space was not chosen.

### **Step 9: Insert sample Person vertices (alice, bob)**

Status: FAILED | Latency: <bound method ResultSet.latency of ResultSet(None)> ms  
Query:  
INSERT VERTEX Person(name, age) VALUES "alice":("Alice", 30), "bob":("Bob", 28);  
Error:  
SemanticError: Space was not chosen.

### **Step 10: Insert sample Knows edge (alice -> bob)**

Status: FAILED | Latency: <bound method ResultSet.latency of ResultSet(None)> ms  
Query:  
INSERT EDGE Knows(since) VALUES "alice"->"bob":(2020);  
Error:  
SemanticError: Space was not chosen.

### **Step 11: MATCH query over Person-Knows-Person**

Status: FAILED | Latency: <bound method ResultSet.latency of ResultSet(None)> ms  
Query:  
MATCH (a:Person)-[:Knows]->(b:Person) RETURN a.name, a.age, b.name, b.age, edge.since;  
Error:  
SyntaxError: please add alias when using `edge'. near `edge'

### **Step 12: Basic stats overview (if enabled for this version)**

Status: FAILED | Latency: <bound method ResultSet.latency of ResultSet(None)> ms  
Query:  
SHOW STATS;  
Error:  
SemanticError: Space was not chosen.