java远程连接windows系统执行操作

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展开

1、目标windows机器开启winrm支持

执行 winrm quickconfig 初始化WinRm

执行命令 winrm set winrm/config/service/auth @{Basic=“true”} 配置登陆方式

执行 winrm set winrm/config/service @{AllowUnencrypted=“true”} 配置加密方式

2、配置maven

<dependency>

<groupId>io.cloudsoft.windows</groupId>

<artifactId>winrm4j</artifactId>

<version>0.5.0</version> <!-- WINRM4J\_VERSION -->

</dependency>

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3、编写测试类

public class WinRMHelper {

private String ip;

private String username;

private String password;

public static final int DEFAULT\_PORT = 5985;

public WinRMHelper(final String ip,final String username,final String password) {

this.ip = ip;

this.username = username;

this.password = password;

}

public String execute(final String command) {

WinRmClientContext context = WinRmClientContext.newInstance();

WinRmTool tool = WinRmTool.Builder.builder(ip, username, password).setAuthenticationScheme(AuthSchemes.NTLM).port(DEFAULT\_PORT).useHttps(false).context(context).build();

tool.setOperationTimeout(5000L);

WinRmToolResponse resp = tool.executeCommand(command);

context.shutdown();

return resp.getStdOut();

}

public static void main(String[] args) {

WinRMHelper exec = new WinRMHelper("127.0.0.1","username","password");

String resp = exec.execute("hostname");

System.out.println(resp);

}

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4、参考

winrm4j 项目地址

windows 开启winrm配置参考

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